

Origami Collection 2005



OrigamiUSA

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ABOUT THE ORIGAMI COLLECTION

*Each year OrigamiUSA produces **THE ORIGAMI COLLECTION**, an anthology of models sent to us from the creators around the world. The models vary in complexity and subject, most of which are recently invented and not yet published anywhere else. Certain models are placed in the following three special categories:*

- **THE LILLIAN OPPENHEIMER COLLECTION**
- **THE ALICE GRAY CHALLENGE**
- **ORIGAMI BY CHILDREN**

*As described here, these categories were developed in appreciation of our past and in anticipation of our future. Of course, every model deserves mention and we hope you enjoy them all. We believe that the tradition of this annual book announces to folders everywhere that sharing origami is what keeps it **alive**.*

NOTES ON THE SPECIAL CATEGORIES



THE LILLIAN OPPENHEIMER COLLECTION

Lillian Oppenheimer (1898 -1992) was the First Lady of Origami. Her enthusiasm, more than anything else, created and generated the Western development of paperfolding. It is important and necessary to credit the worldwide proliferation of paperfolding over the last 30 years to her. Lillian enjoyed sharing, teaching, and corresponding with enthusiasts everywhere.

OrigamiUSA's Lillian Oppenheimer Library and Model Study Collection was the prize of her decades of sharing. Lillian said, "I collected. I never wanted to give anything away. My guests received lessons, not models." The benefits of this collection will be shared forever.



THE ALICE GRAY CHALLENGE

Alice Gray (1914-1994) like her colleague and friend, Lillian Oppenheimer, is paramount in the development of origami as a living creative art in the West. She was the editor of *The Origamian*, the official publication of The Origami Center, for more than twenty years. Along with Akira Yoshizawa, Robert Harbin, and Samuel Randlett, Alice took the diagramming of models and the explanation of how to fold models into the realm of an art form. As one of the foremost and effective teachers of paperfolding, she made origami accessible to all.

Alice has always said that it is much harder to create a simple model than a complex one. Simple models delight the new folder. With this in mind and a strong desire to honor our President Emerita, the Publications Team created The Alice Gray Challenge in 1991. All members of OrigamiUSA were invited to participate. They were asked to observe these guidelines: create models easier to fold than the traditional flapping bird; avoid sinks, petal folds, and if possible, stay with simple mountain and valley folds. The response was spectacular with over 70 models submitted that year. Since then, we have decided to continue the challenge as an ongoing part of our work, and to honor all simple models with The Alice Gray Challenge logo.



ORIGAMI BY CHILDREN

Each year, OrigamiUSA sponsors the exhibition, Origami by Children. Hundreds of entries are received from children across the United States. Although most children fold from directions in origami books, original models are especially encouraged. In this collection we are pleased to present some of the original work from this new generation of creators. While their ages vary from 5 to 18, all the children represented share the ability to delight us with their vision. All the models identified with the OBC logo become part of a permanent yearly exhibit, which travels around the country to schools, museums and libraries. Contact OrigamiUSA for more information about how to request an exhibit for your community.

NOTES OF THE SPECIAL CATEGORIES



THE FIRST CATEGORY

THE SECOND CATEGORY

THE THIRD CATEGORY

The first category is characterized by a central point which is connected to several other points arranged in a circle. This configuration is often used to represent a network or a system of connections. The central point is typically labeled with a number or a letter, and the points on the circle are labeled with corresponding numbers or letters. The lines connecting the central point to the points on the circle are usually straight lines, and they are often labeled with numbers or letters as well. This diagram is a common representation of a network or a system of connections in many fields of study, including mathematics, physics, and engineering.

The second category is characterized by a central point which is connected to several other points arranged in a circle. This configuration is often used to represent a network or a system of connections. The central point is typically labeled with a number or a letter, and the points on the circle are labeled with corresponding numbers or letters. The lines connecting the central point to the points on the circle are usually straight lines, and they are often labeled with numbers or letters as well. This diagram is a common representation of a network or a system of connections in many fields of study, including mathematics, physics, and engineering.

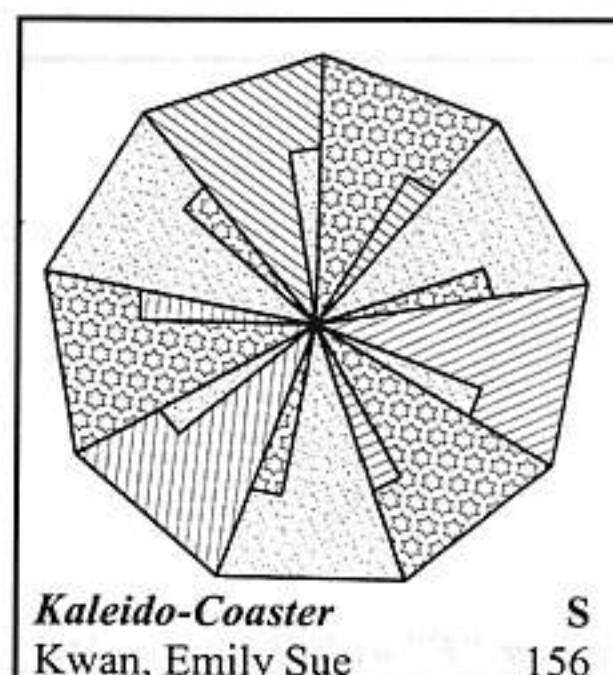
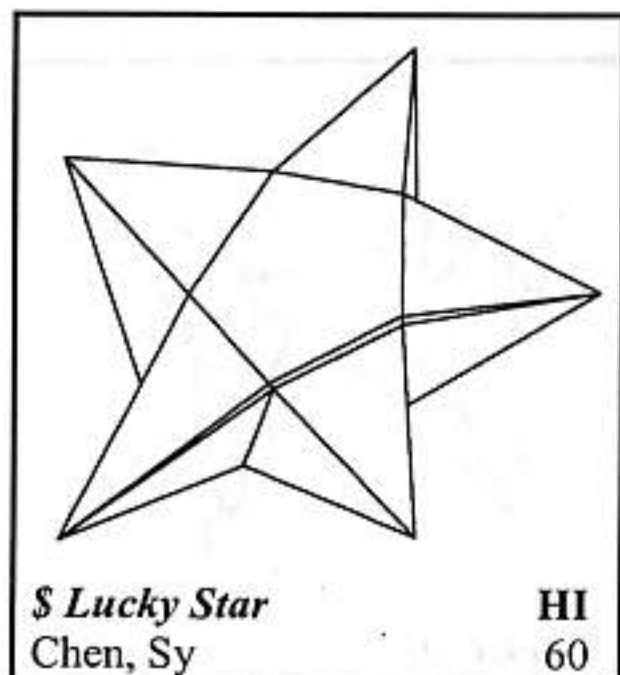
The third category is characterized by a central point which is connected to several other points arranged in a circle. This configuration is often used to represent a network or a system of connections. The central point is typically labeled with a number or a letter, and the points on the circle are labeled with corresponding numbers or letters. The lines connecting the central point to the points on the circle are usually straight lines, and they are often labeled with numbers or letters as well. This diagram is a common representation of a network or a system of connections in many fields of study, including mathematics, physics, and engineering.

The fourth category is characterized by a central point which is connected to several other points arranged in a circle. This configuration is often used to represent a network or a system of connections. The central point is typically labeled with a number or a letter, and the points on the circle are labeled with corresponding numbers or letters. The lines connecting the central point to the points on the circle are usually straight lines, and they are often labeled with numbers or letters as well. This diagram is a common representation of a network or a system of connections in many fields of study, including mathematics, physics, and engineering.

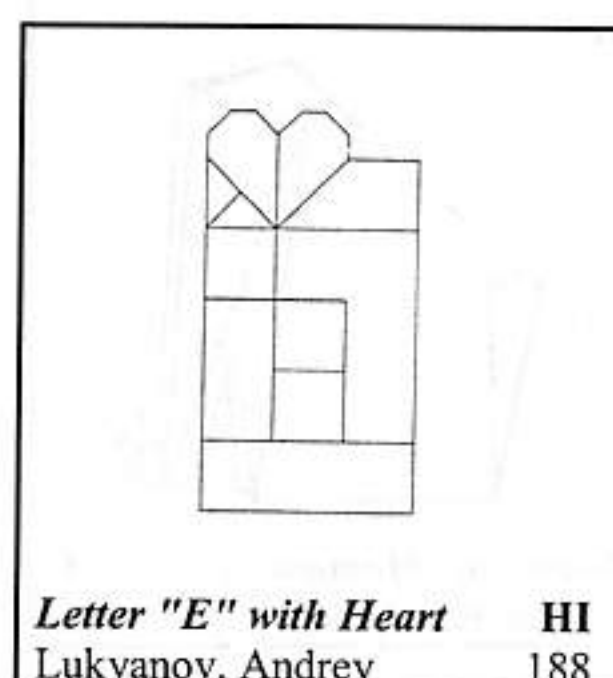
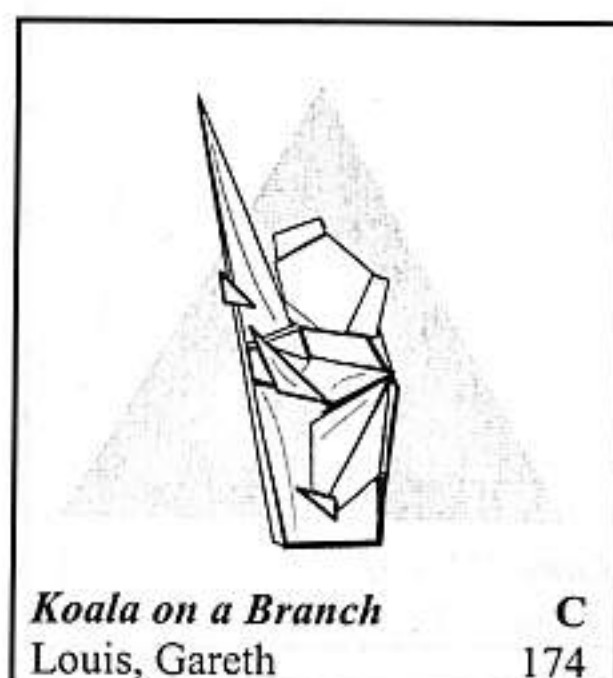
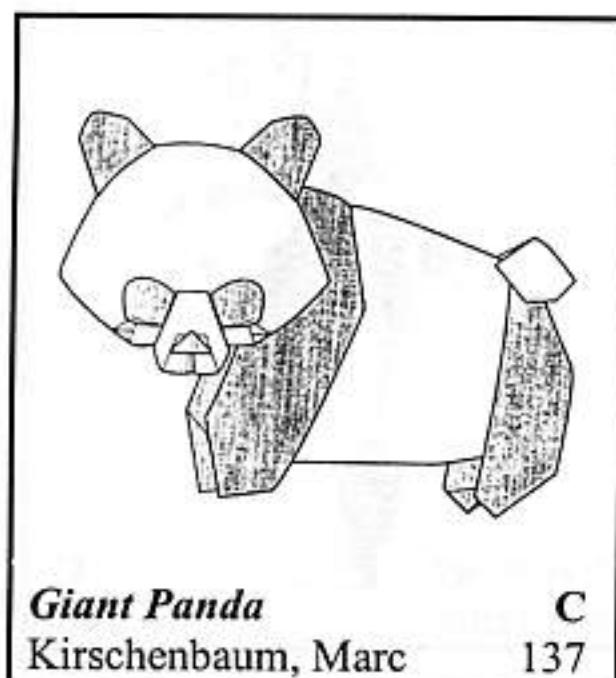
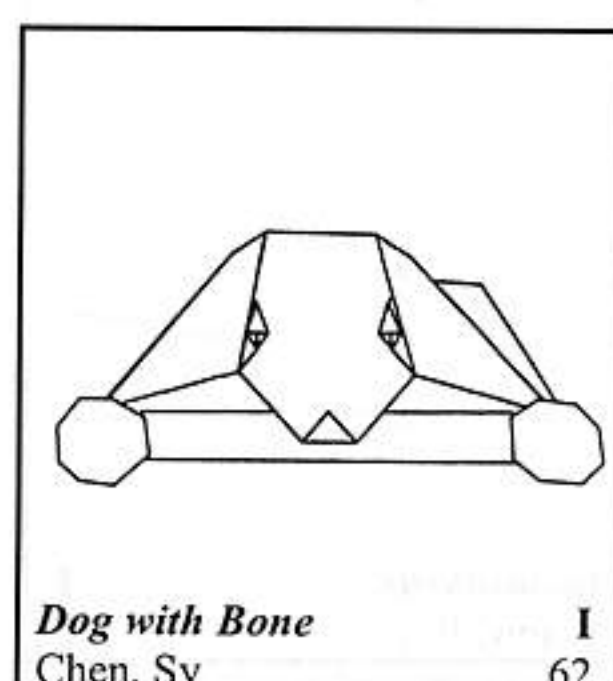
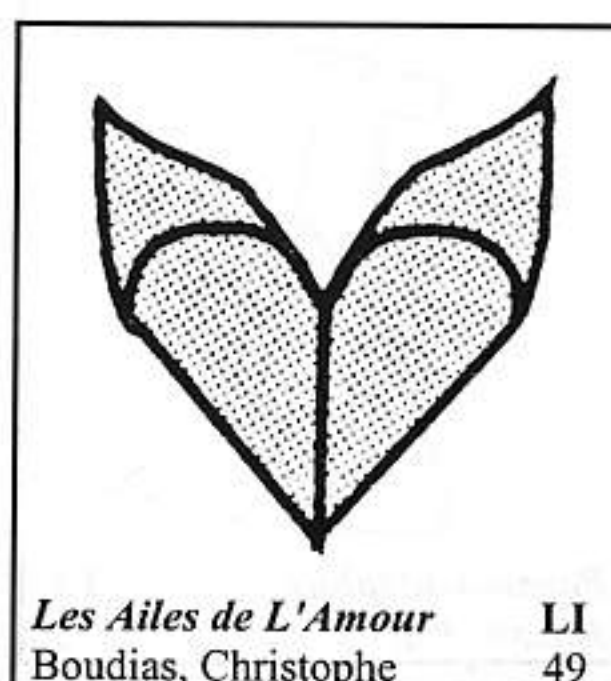
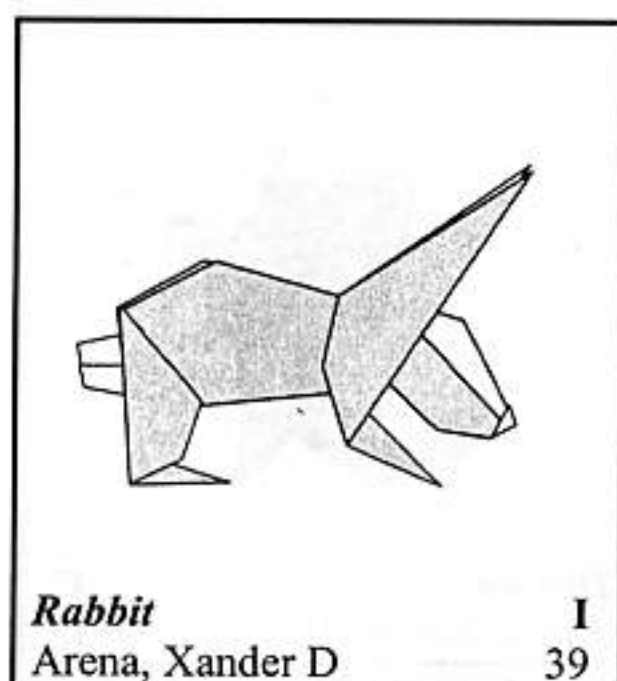
DIRECTORY

DIRECTORY

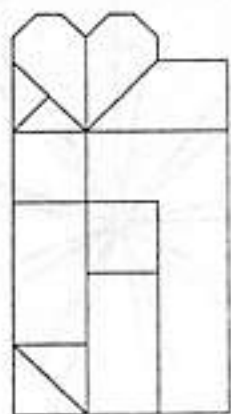
Decorate It!



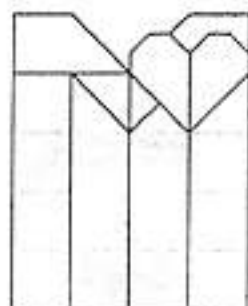
Hug It!



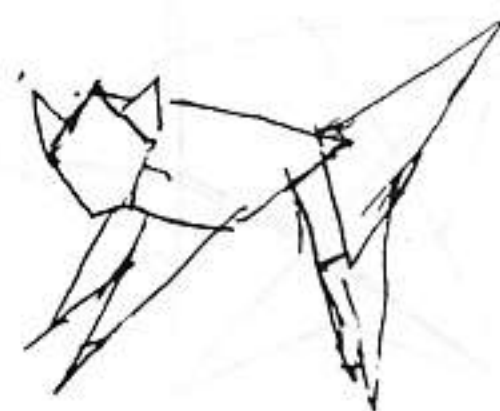
Hug It! (con.t)



Letter "F" with Heart **HI**
Lukyanov, Andrey 189

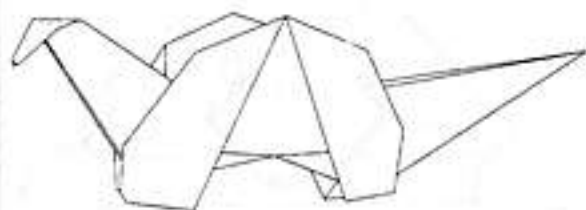


Letter "M" with Heart **HI**
Lukyanov, Andrey 190

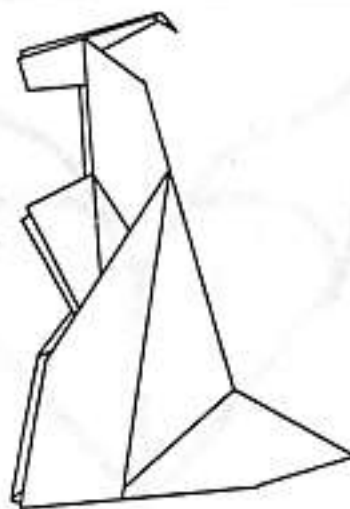


Black Cat **LI**
Putignano, Aldo 195

Is it Alive?



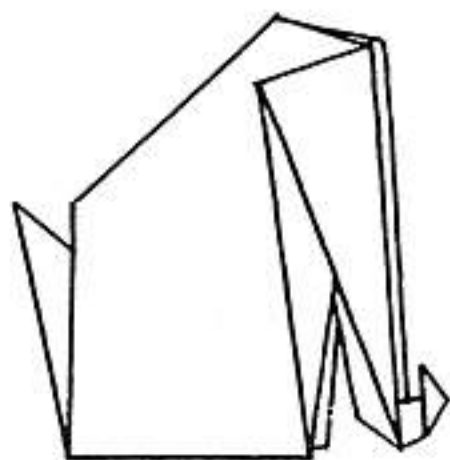
Apatosaurus **I**
Adams, Jim 2



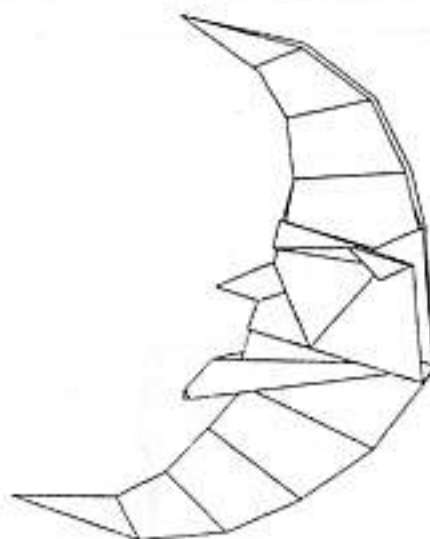
Parasaurolophus **LI**
Adams, Jim 15



Demon **C**
Arena, Xander D 32



Mammut (Mammoth) **LI**
Ennen, Klaus-Dieter 105

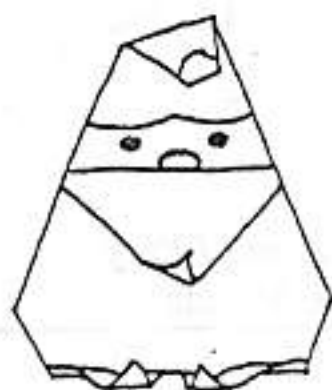


Luna (Moon) **I**
Gilgado, Fernando 115



Werewolf **C**
Ku, Jason 148

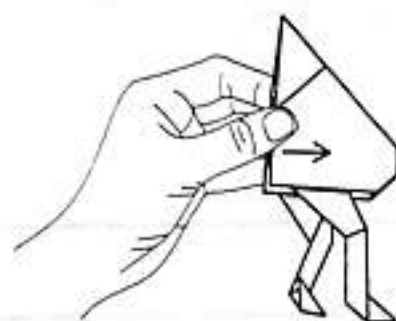
Is it Alive? (cont.)



Babbo Natale (Father Christmas)

Scalambra, di Federico

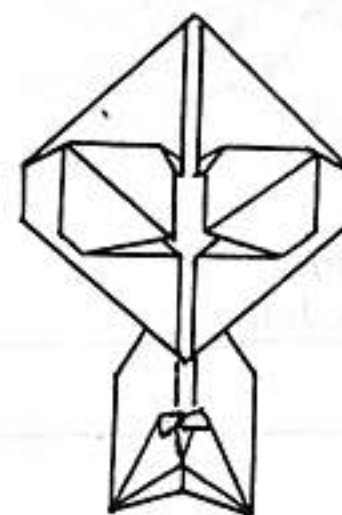
S
201



Running Nose

Shafer, Jeremy

I
204



Extraterrestrials

Suarez, Gregory

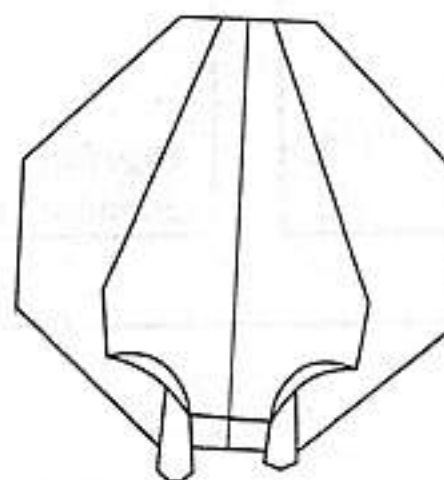
I
212



Elasmosaurus

Takai, Hiroaki

HI
229

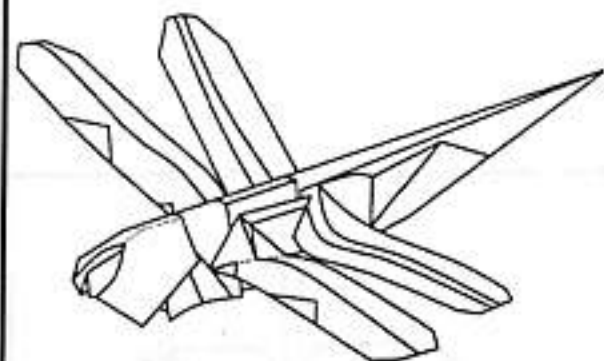


Nippy Droze

Weiss, Stephen

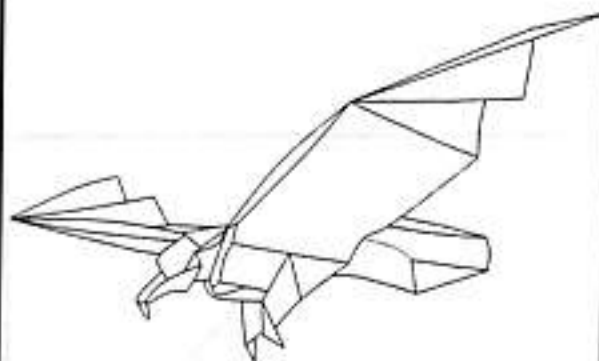
I
237

It Flies!



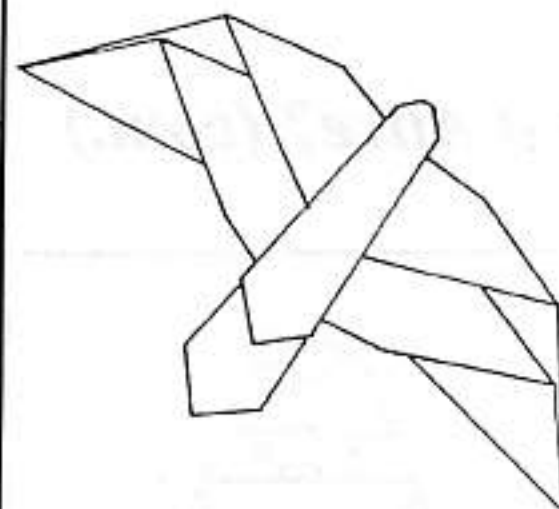
Dragonfly
Adams, Jim

I
5



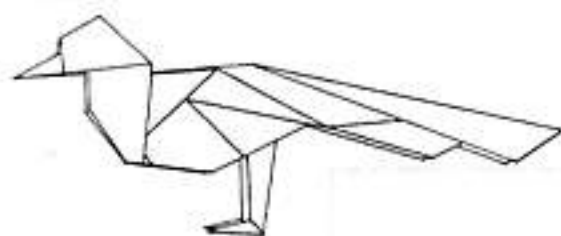
Eagle
Adams, Jim

I
9



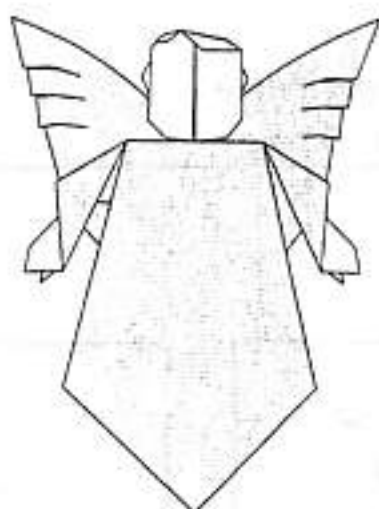
Flying Bird of Prey
Blahova, Milada

LI
44



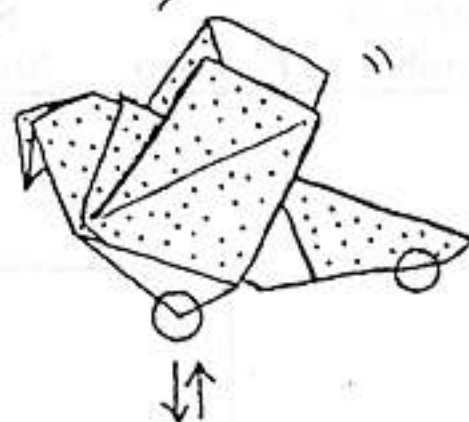
Elster (Magpie)
Ennen, Klaus-Dieter

I
92



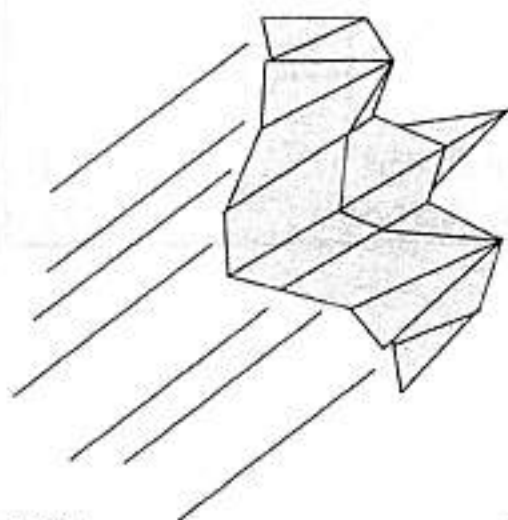
Angelito (Angel)
Gilgado, Fernando

I
120



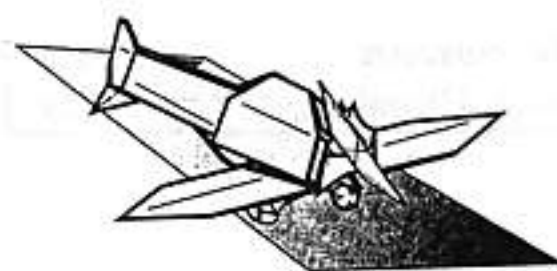
Flapping Dove
Gross, Gay Merrill

LI
135



FXI
Khadem, Pascal

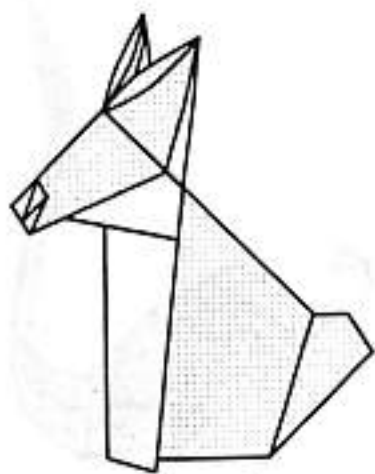
LI
136



Monoplane (Version 2)
Louis, Gareth

C
179

It's Alive!



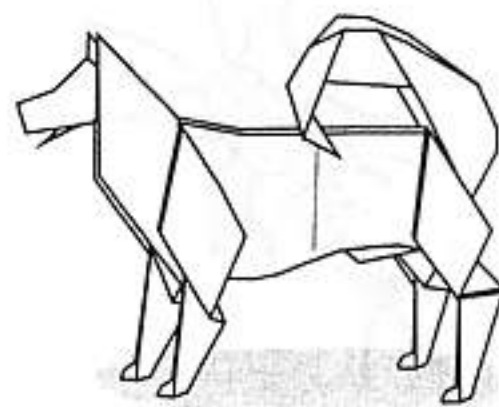
Fox
Adams, Jim

I
13



**Pianist Chopin Playing
Upright Piano**
Ansons, Stephan

C
24



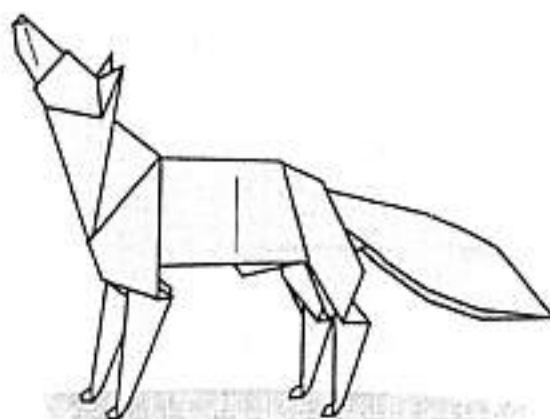
Husky
Boudias, Christophe

HI
45



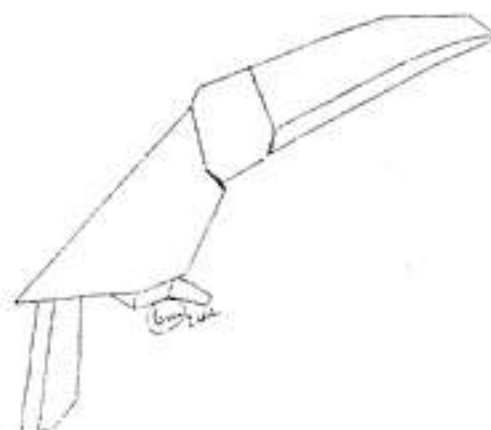
Bear
Boudias, Christophe

HI
50



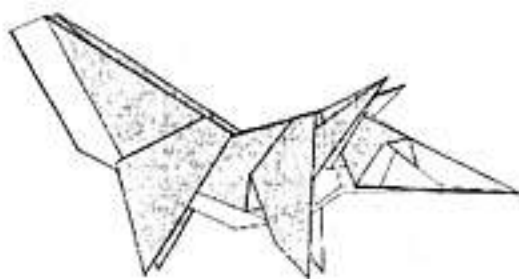
Wolf
Boudias, Christophe

HI
55



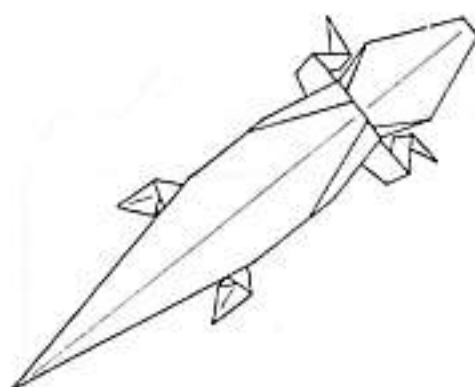
Toucan
Defoirdt, Tom

I
81



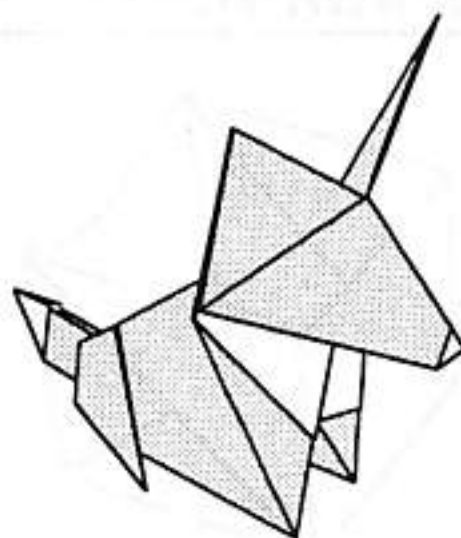
Zorro (fox)
Diaz, Roman

HI
85



Krokodil (Crocodile)
Ennen, Klaus-Dieter

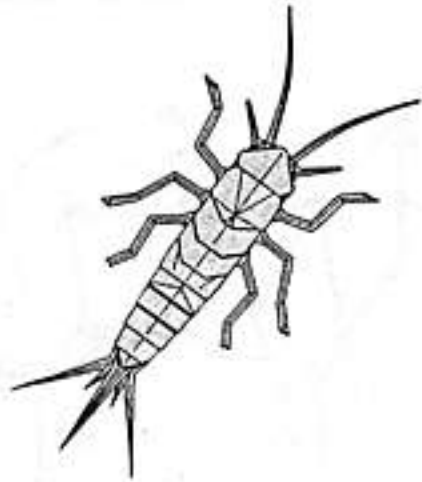
I
96



Welsh Corgi
Go, Guspath

C
132

It's Alive! (cont.)



Silverfish

Lang, Robert J.

C

162

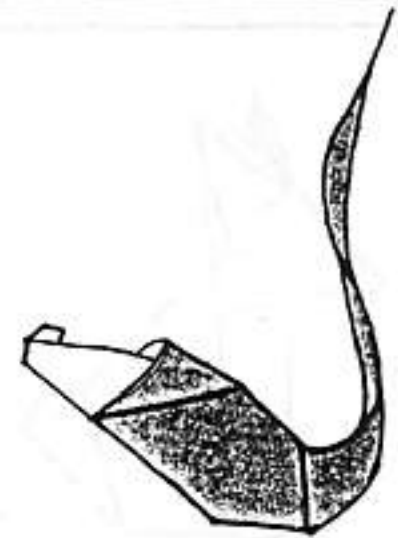


Uranus Amaryllis

Putignano, Aldo

I

199

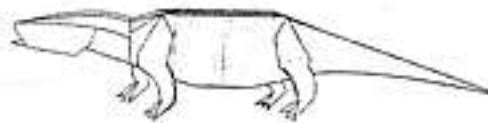


Topolino (Mouse)

Scalambra, di Federico

S

203



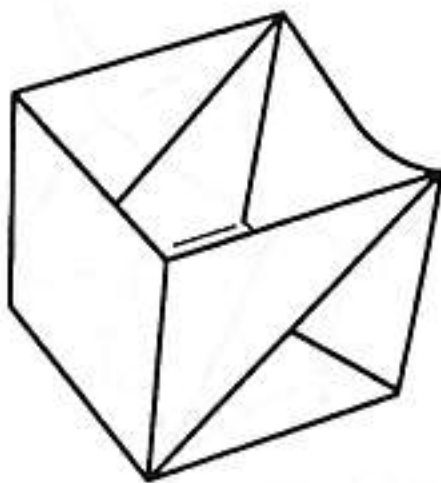
Lizard

Szinger, John

C

219

Live with It!

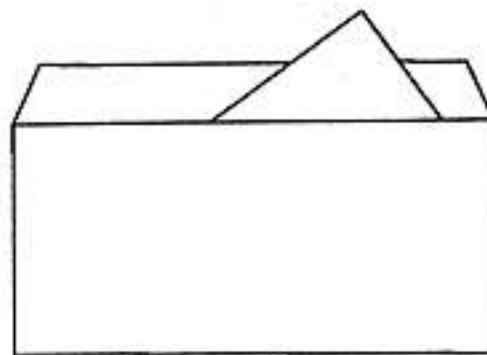


Baggi Box Cube

Baggi, Giuseppi

S

43

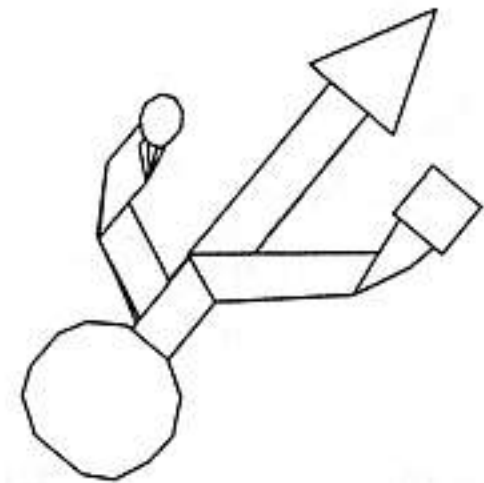


An Opened Letter

Chen, Sy

LI

64



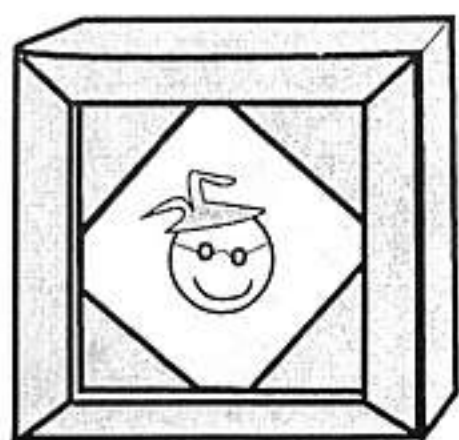
USB Port

Chen, Sy

I

65

Live with It! (cont.)



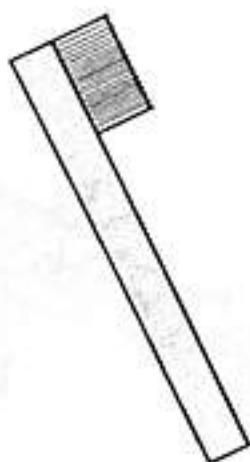
Frame Box: Closed Back I
Cornelius, V'Ann 68



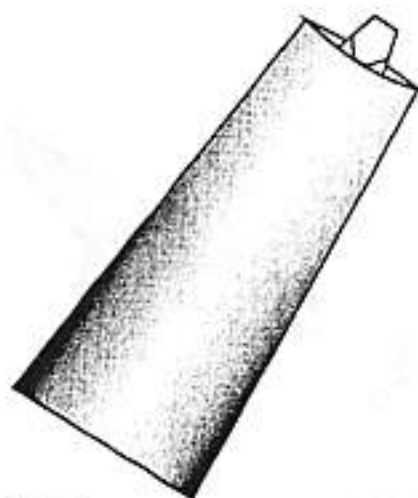
Mortar Board (Tocco) I
D'Auria, Pasquale 71



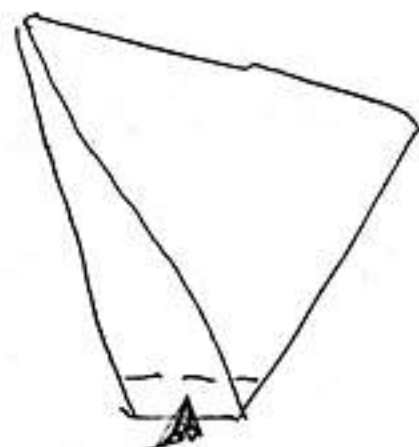
Dove Note S
Miller, Marcia Joy 191



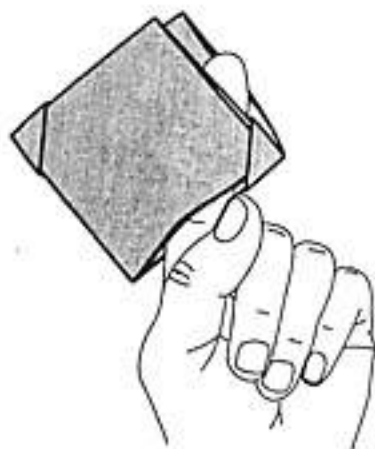
Ori-Brush LI
Narayanan, Shivavam 192



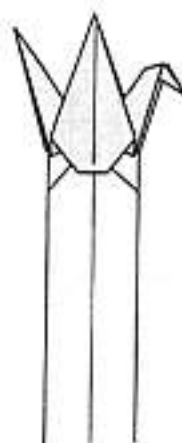
Ori-Paste LI
Narayanan, Shivavam 193



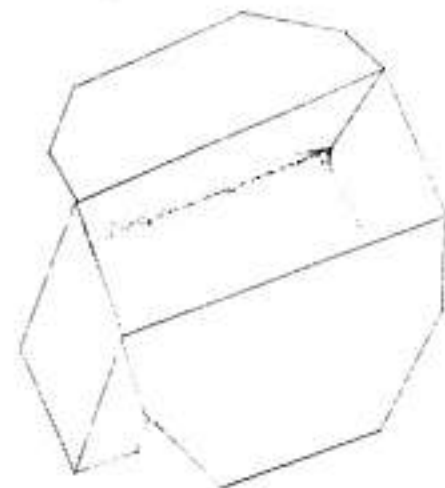
Simple Elegant Vase LI
Putignano, Aldo 197



Unopenable Greeting Cards I
Shafer, Jeremy 206

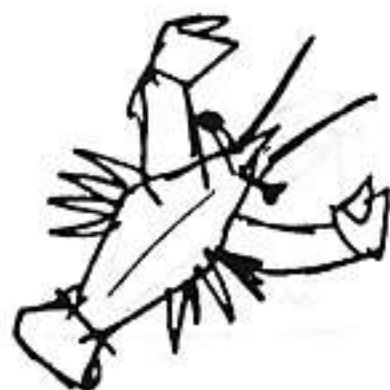


Crane Bookmark I
Stack, Bob 209



Long-Bo I
Voelker, Bob 235

Sea It!

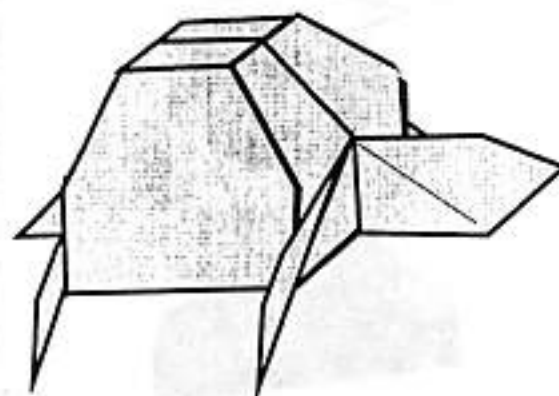


Crawfish

Ansons, Stephan

C

17

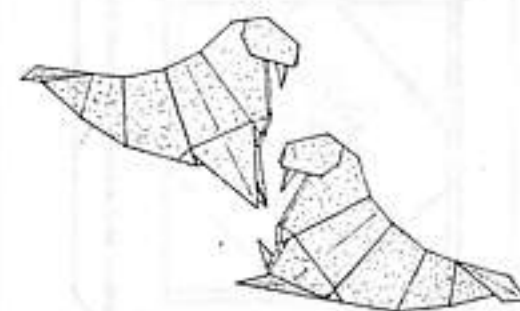


Turtle (Tartaruga Scatola)

D'Auria, Pasquale

HI

74

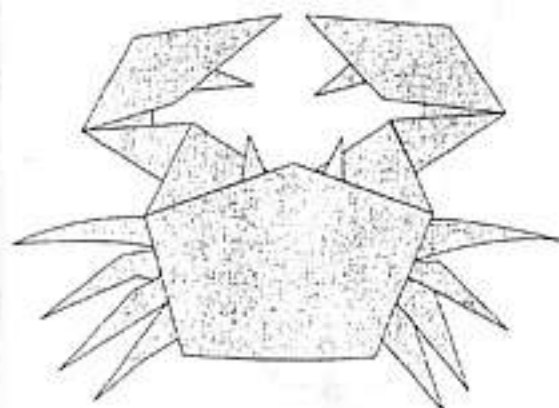


Sea Elephant

Ennen, Klaus-Dieter

I

101

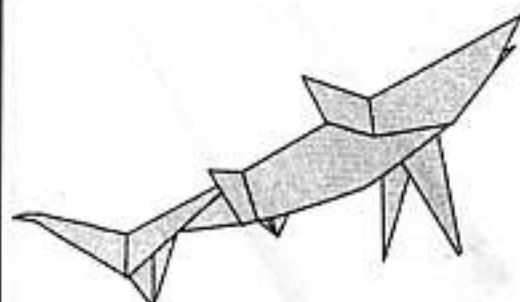


Cangrejo (Crab)

Gilgado, Fernando

HI

107

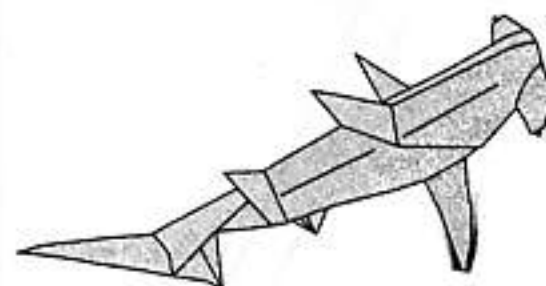


Tiburón

Gilgado, Fernando

HI

125



Tiburón Martillo

Gilgado, Fernando

HI

130



Blue Whale

Lang, Robert J.

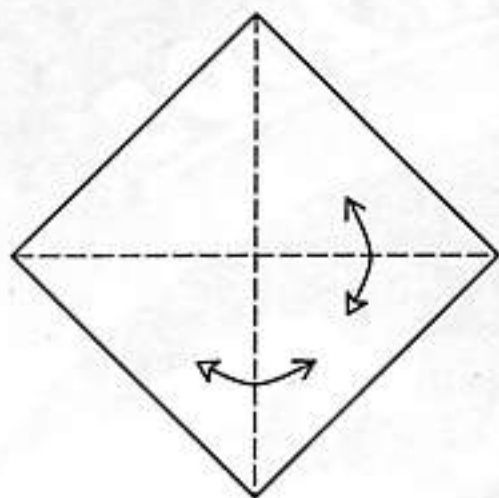
HI

157

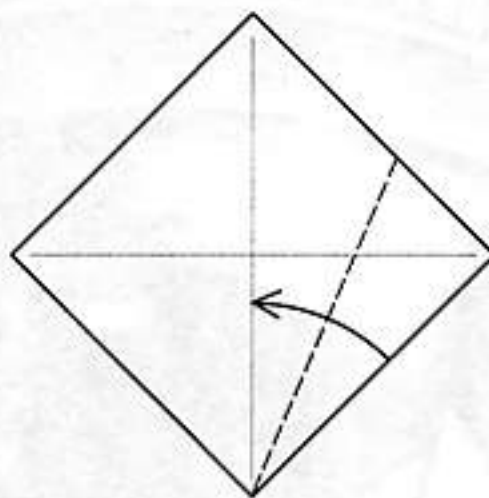
Origami Collection 2005



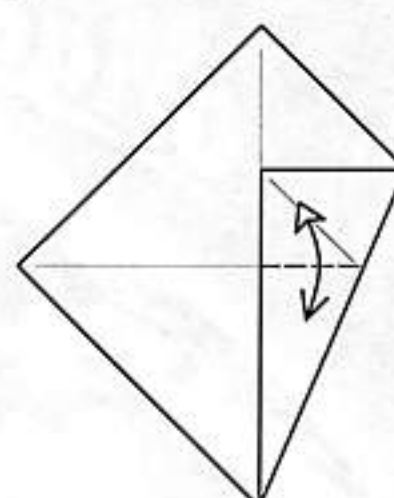
OrigamiUSA



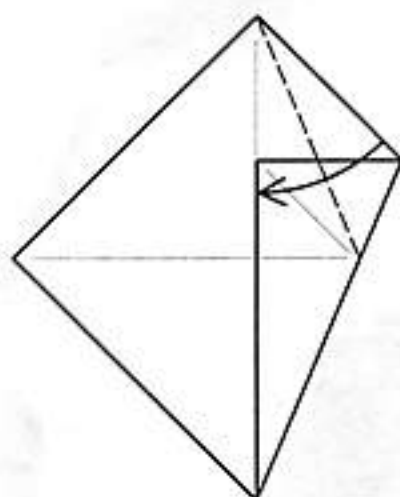
1. Start with white side up.
Crease diagonals.



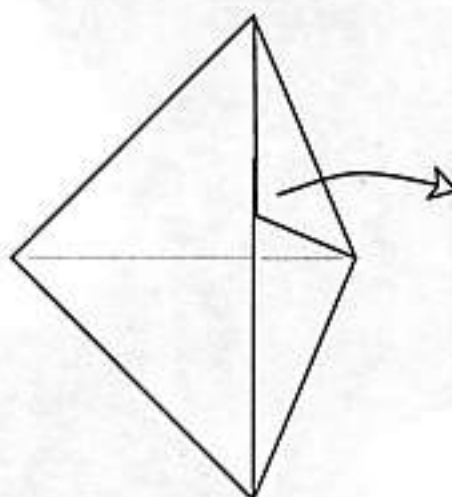
2.



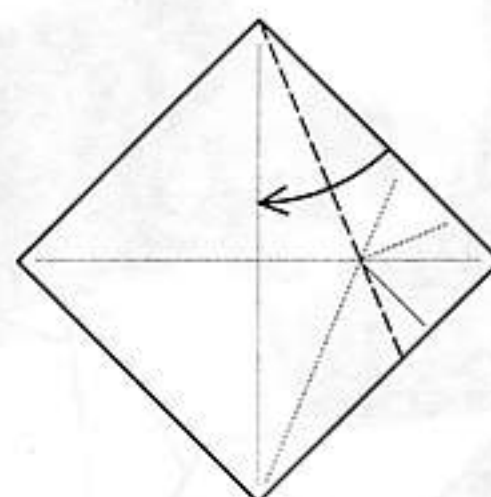
3.



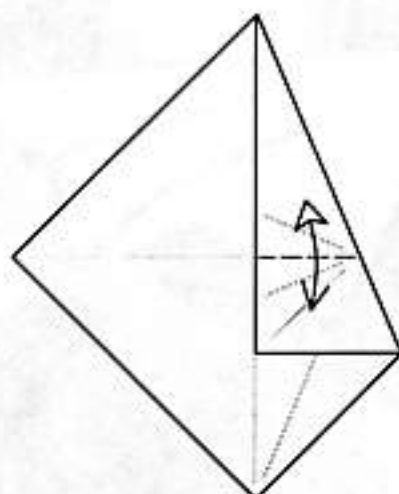
4.



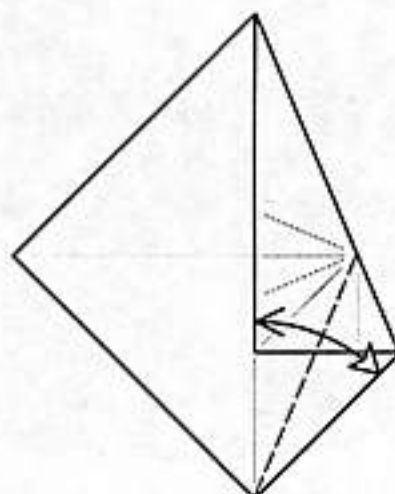
5. Unfold completely.



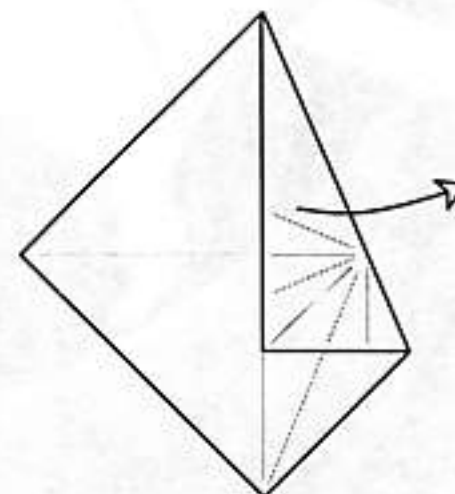
6.



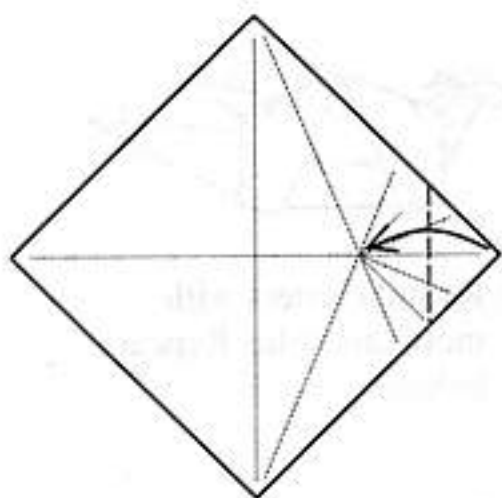
7.



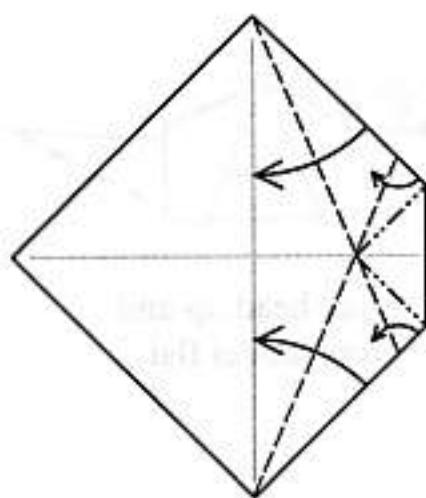
8.



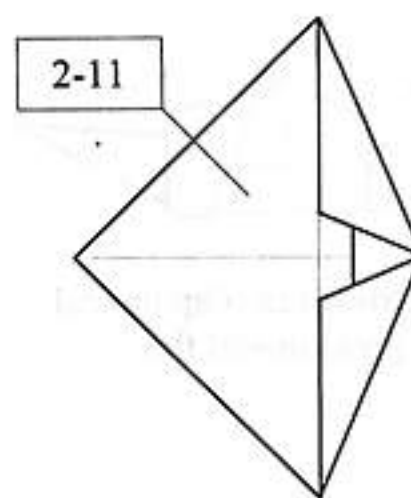
9.



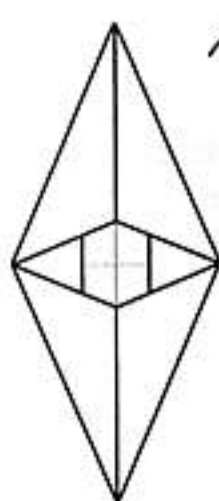
10.



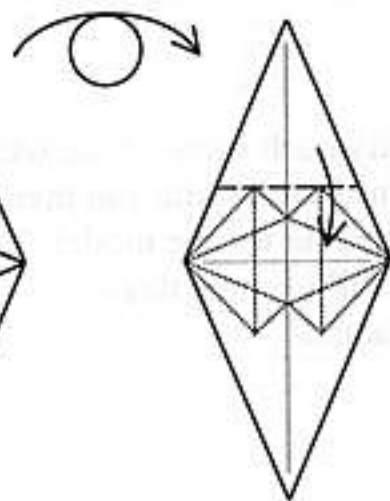
11. No new creases are needed.



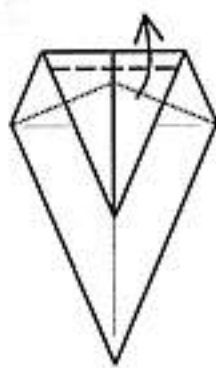
12.



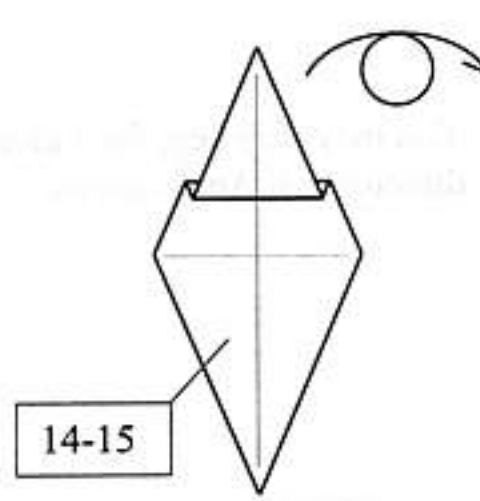
13.



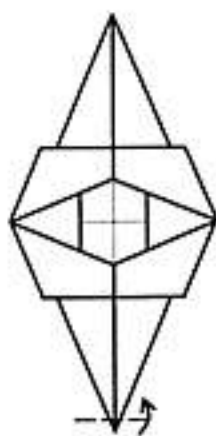
14. Fold across hidden points.



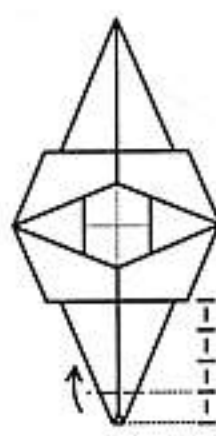
15.



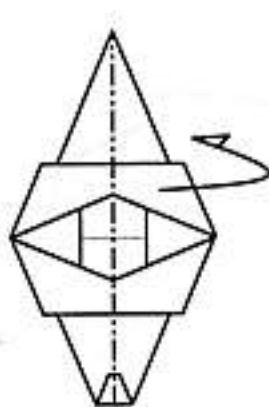
16.



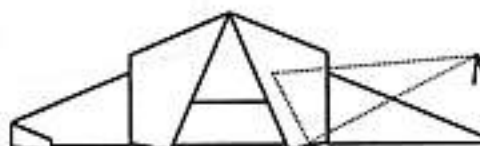
17. Blunt tip of bottom flap with a small valley fold.



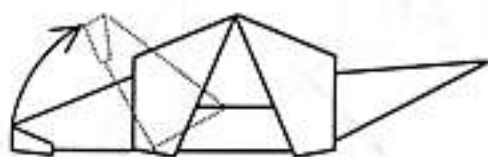
18.



19.



20. Slide rear flap up and press model flat.



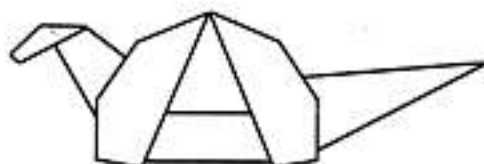
21. Slide rear flap up and press model flat.



22. Slide head up and press model flat.



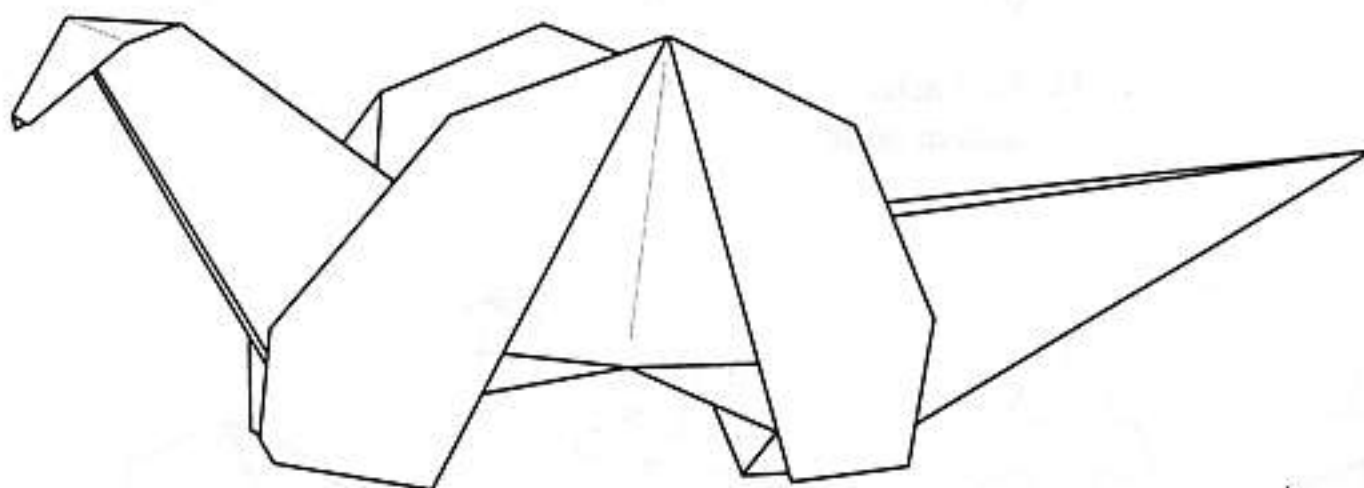
23. Round corners with mountain folds Repeat behind.



24. You may stop here for a nice two-dimensional Apatosaurus.



25. Carefully push some of the white paper into the middle and then (partially) flatten the model. The model will become three-dimensional.



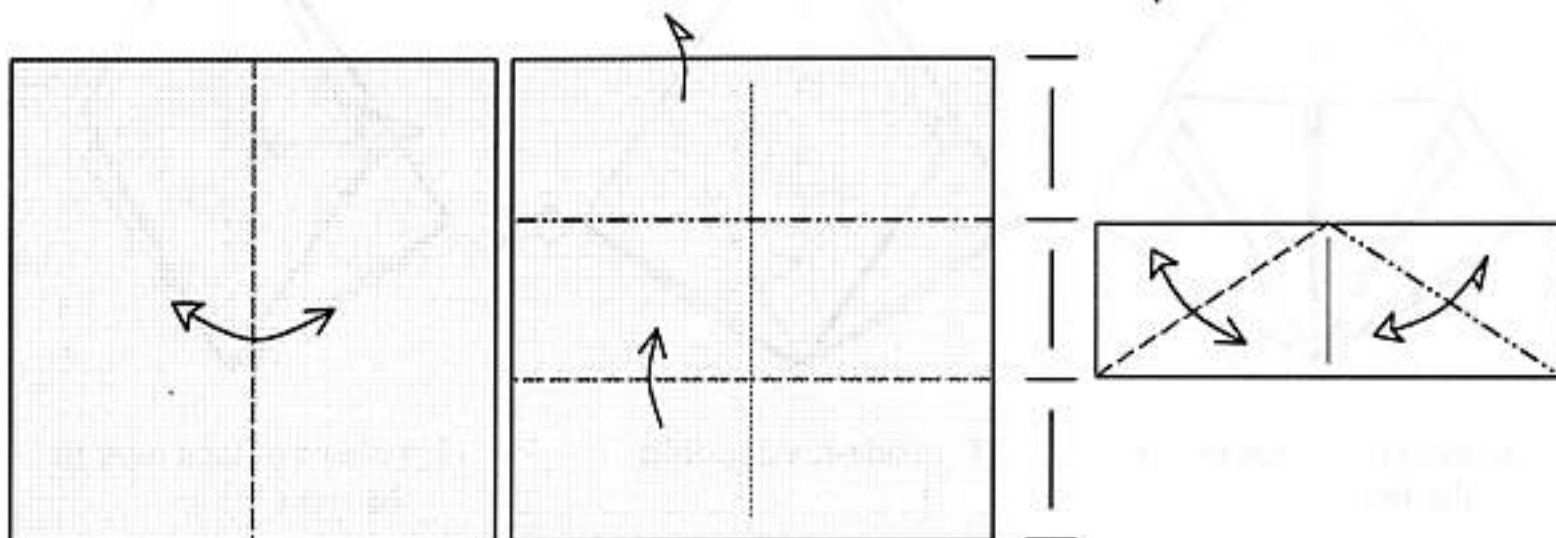
26.

DRAGONFLY

Intermediate

Jim Adams

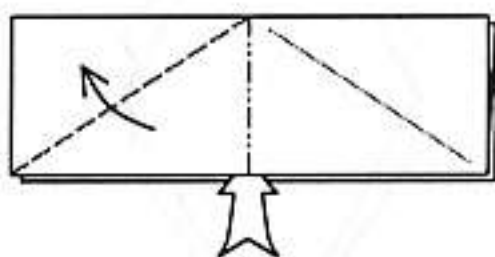
©2004 - New York



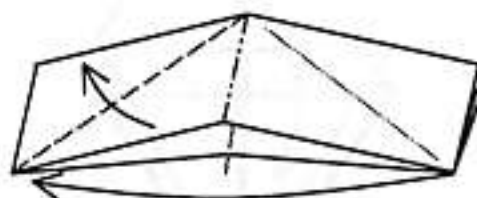
1. Start with colored side up.

2.

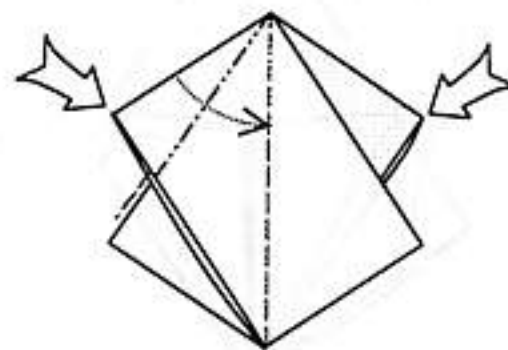
3. Crease all layers.



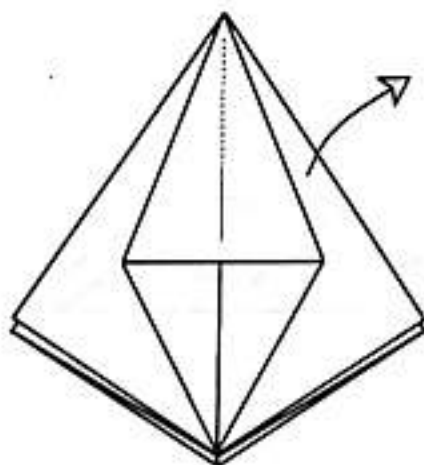
4. Repeat behind.



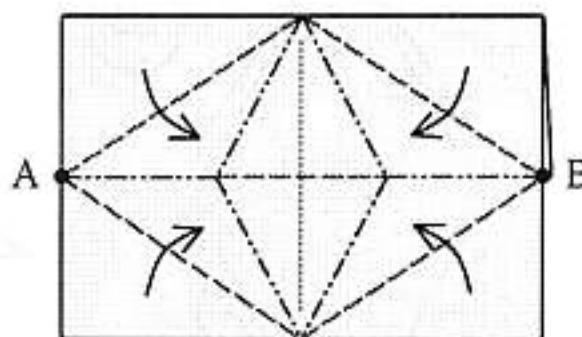
5. Step 4 in progress.



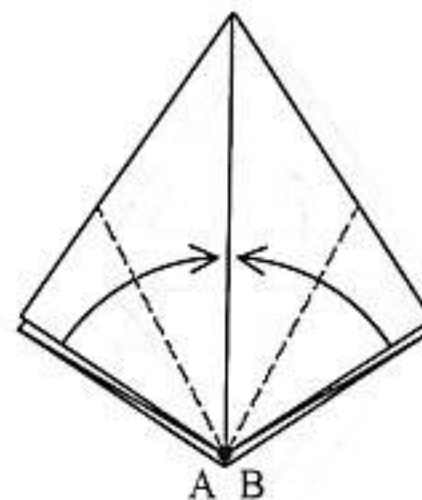
6. Squash-fold. Repeat behind.



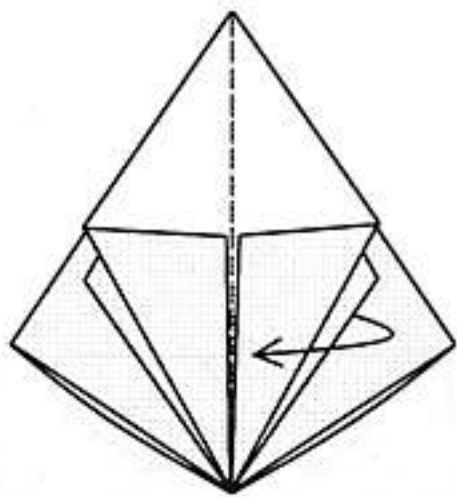
7. Unfold front layer.



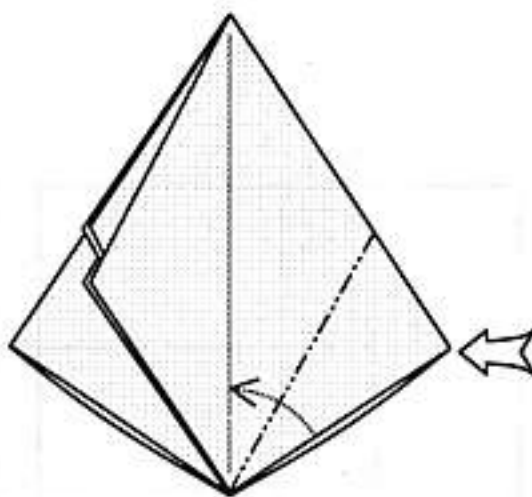
8. Refold by bringing A to B.



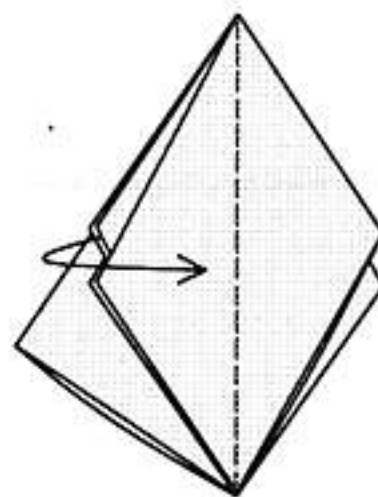
9. Fold top layer only.



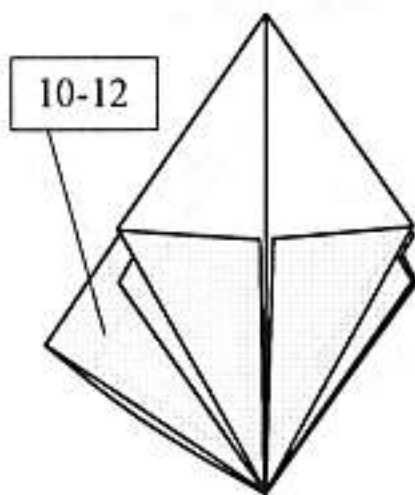
10. Fold two flaps over to the left.



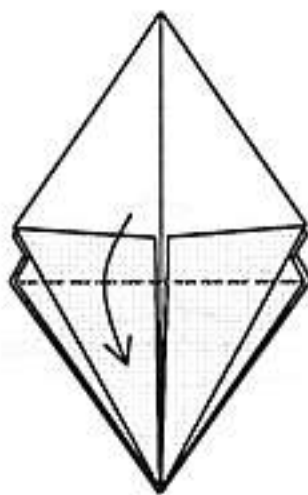
11. Inside-reverse-fold.



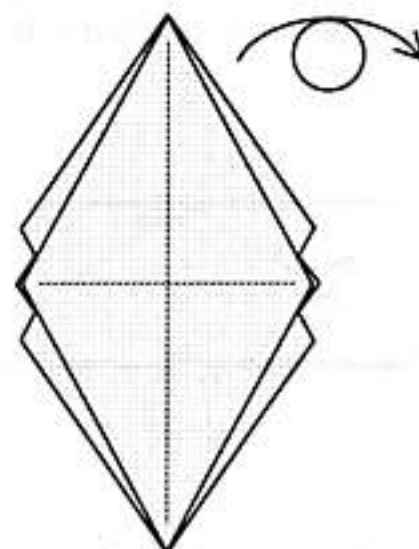
12. Fold two flaps over to the right.



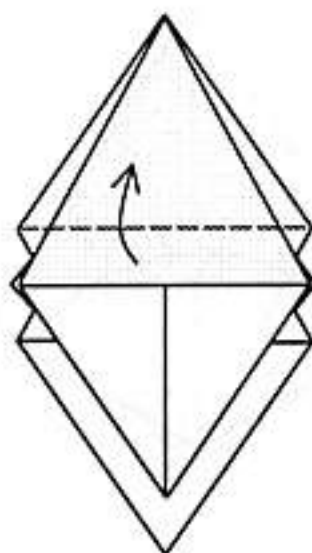
13.



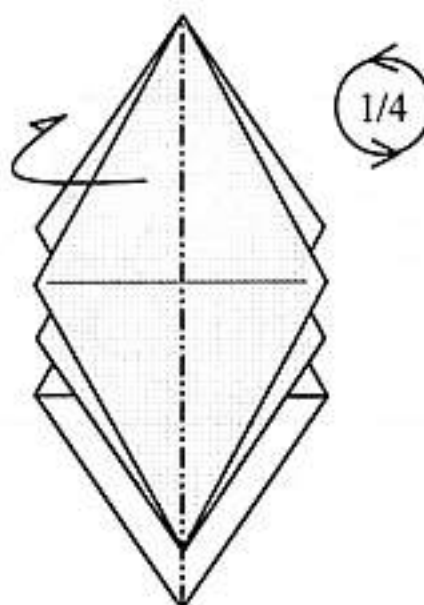
14. Fold top flap only.



15.



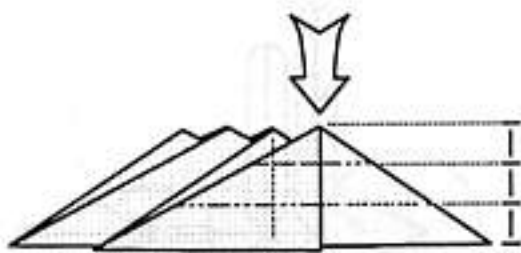
16. Fold top flaps only.



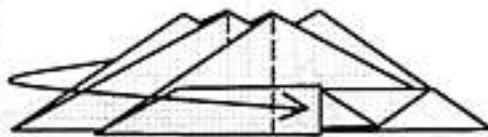
17.



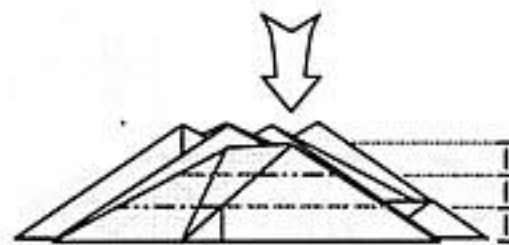
18. Fold top flap to the left.



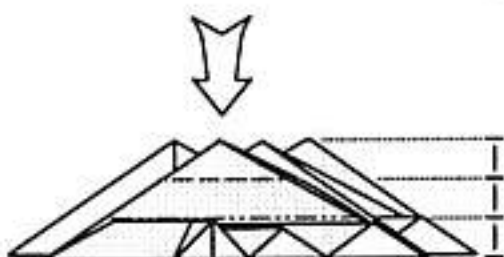
19. Sink top flap in and out.



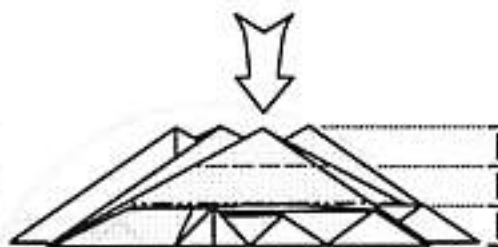
20. Fold top two flaps to the right, incorporating a squash fold on the second flap.



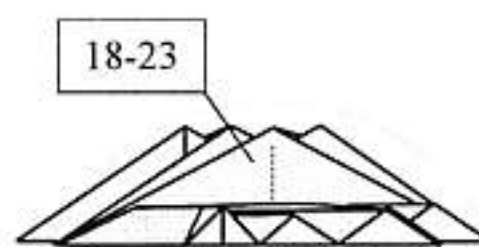
21. Sink top flap in and out.



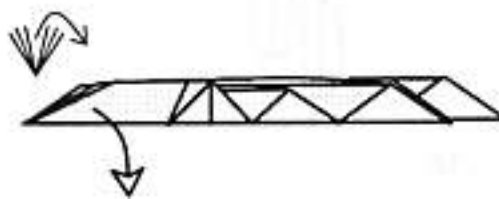
22. Sink top flap in and out.



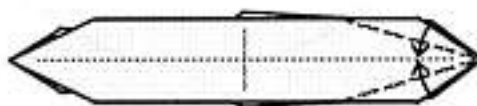
23. Sink top flap in and out.



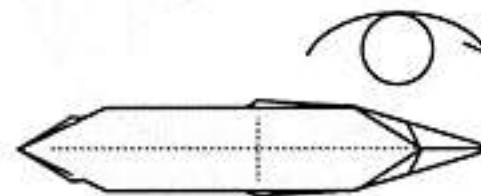
24.



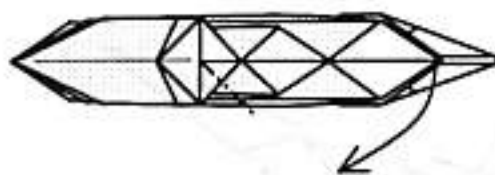
25. Fold half of the layers down to open out the model.



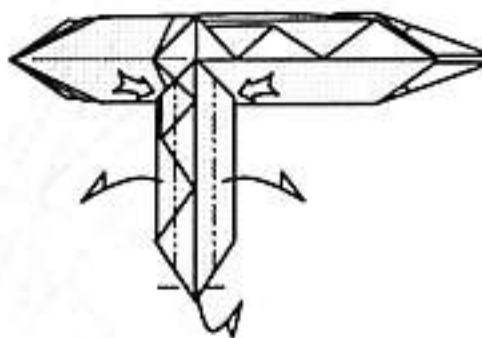
26. Fold top flap only.



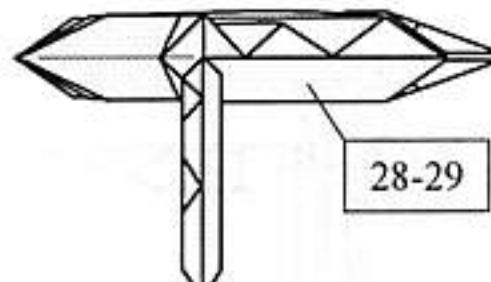
27.



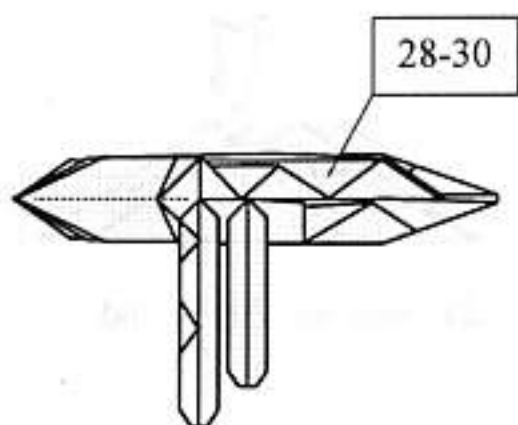
28. Squash-fold top flap.



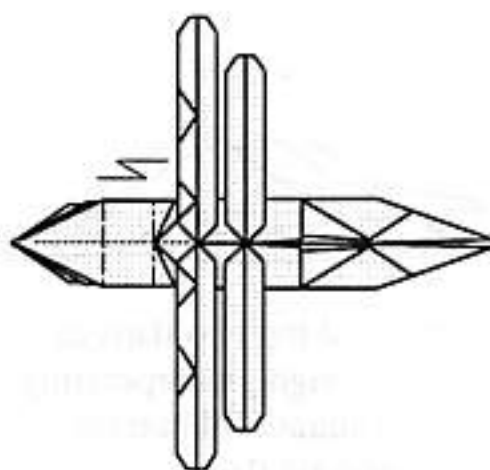
29. Narrow the flap with mountain folds. Blunt the tip of the flap with a mountain fold.



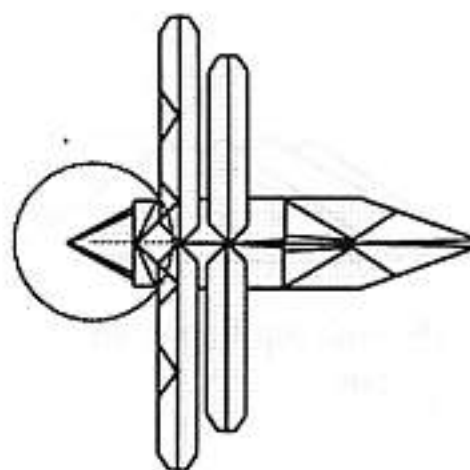
30.



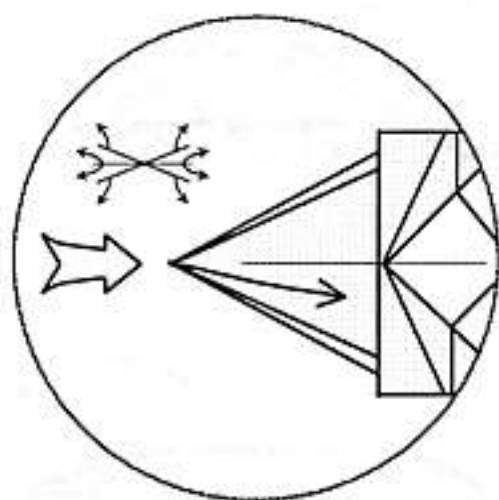
31.



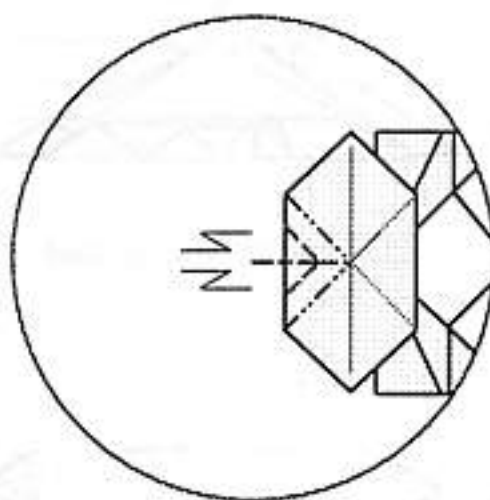
32. Pleat-fold.



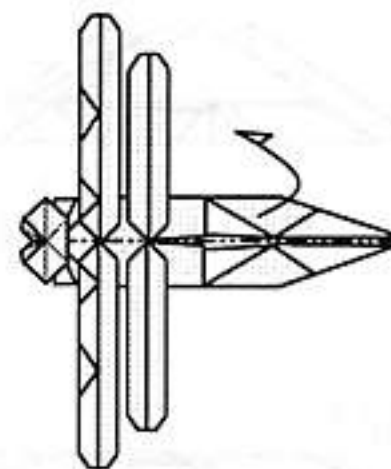
33.



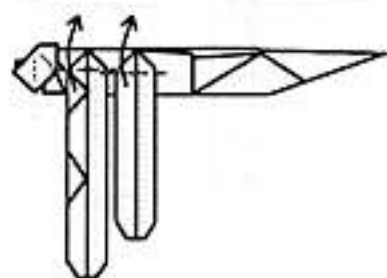
34. Partially open and flatten point to create a hexagonal head.



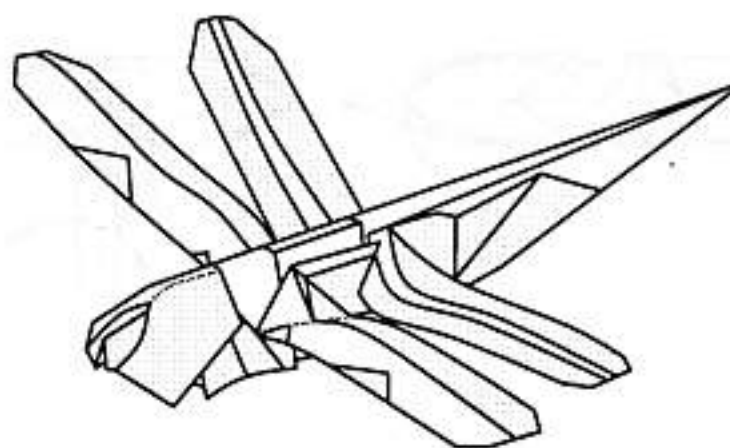
35.



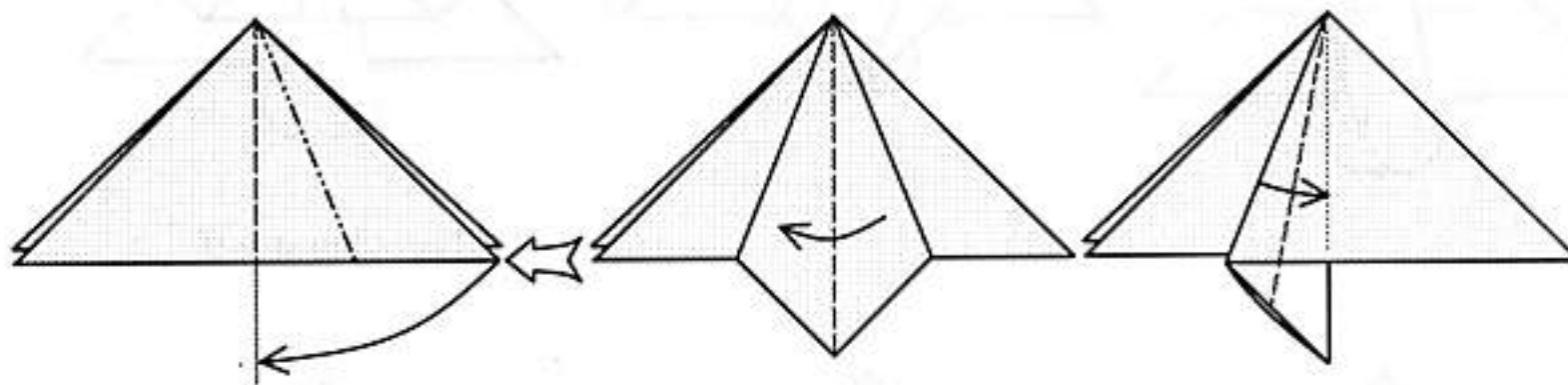
36.



37. Raise wings 90 degrees. Repeat behind.



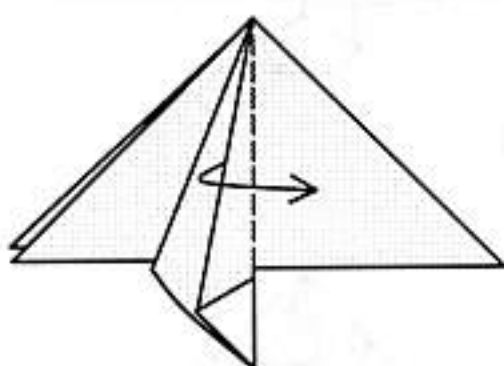
38.



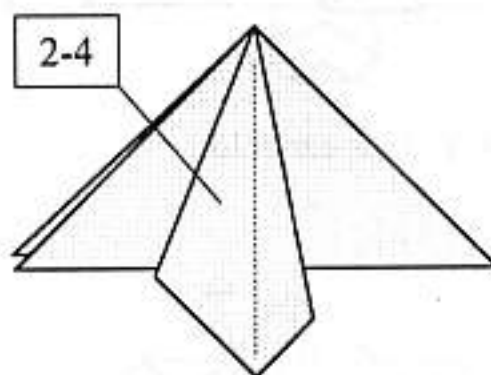
1. Start with a colored Waterbomb Base. Squash-fold front flap.

2. Fold top flap only.

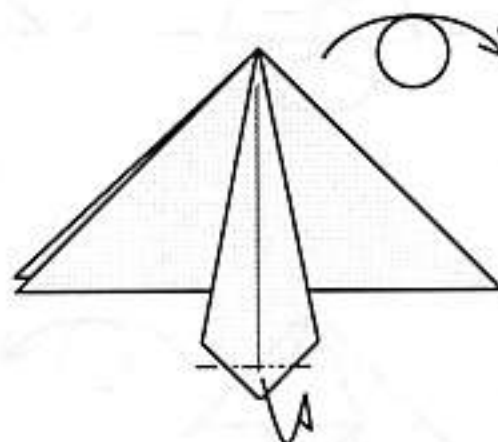
3. Fold top flap only.



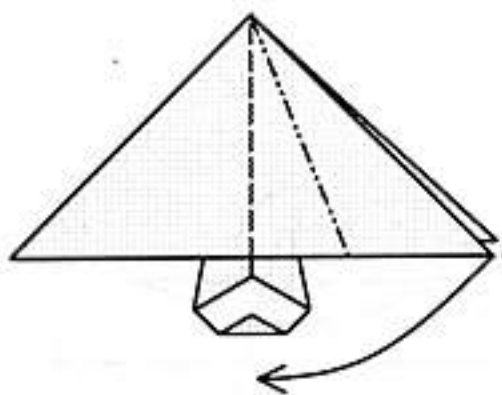
4.



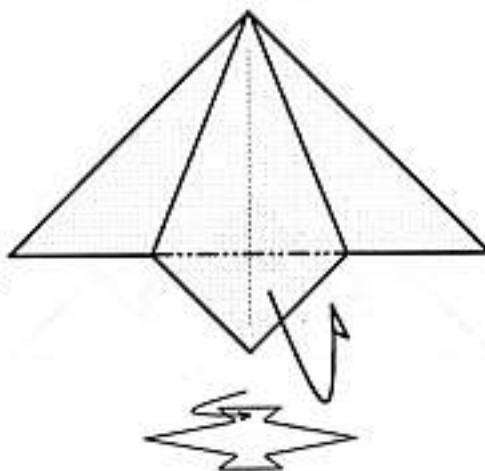
5.



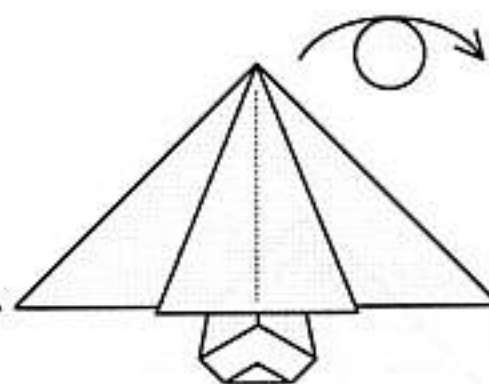
6.



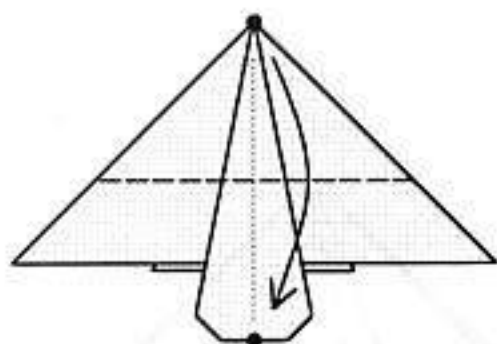
7. Squash-fold top flap.



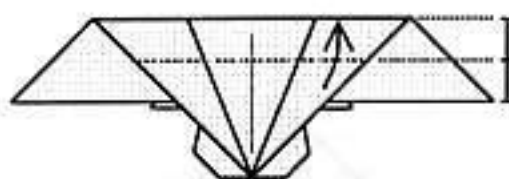
8. Tuck flap inside of hidden pocket.



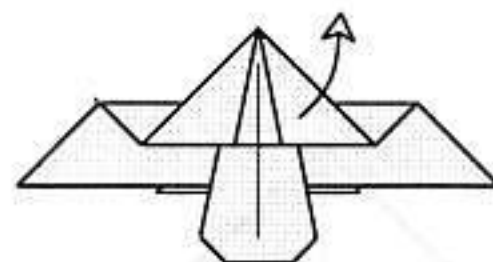
9.



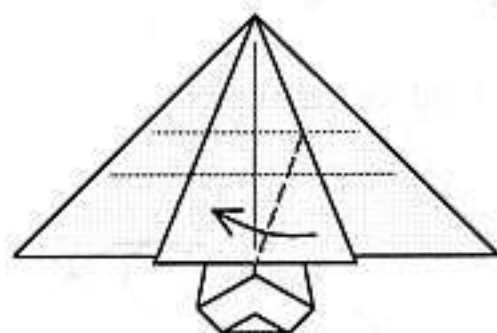
10.



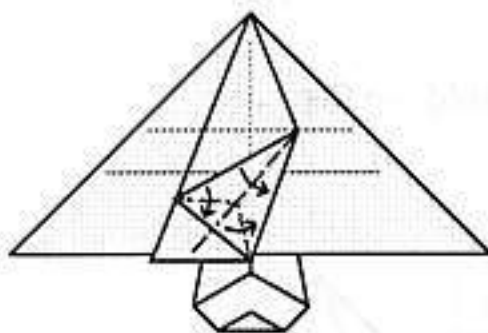
11.



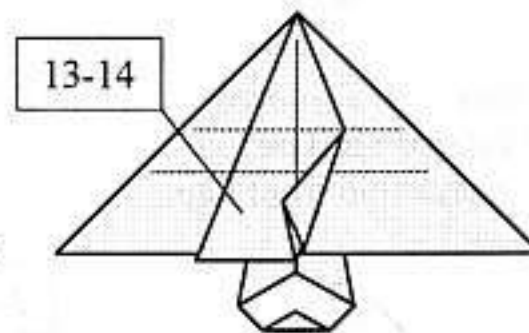
12. Unfold to step 9.



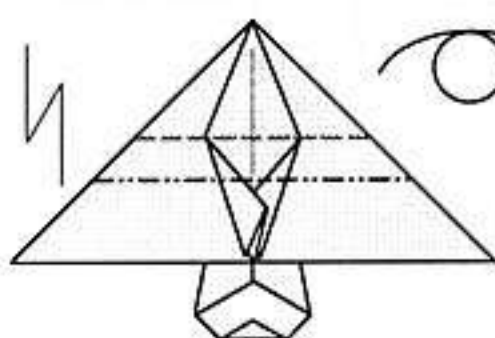
13.



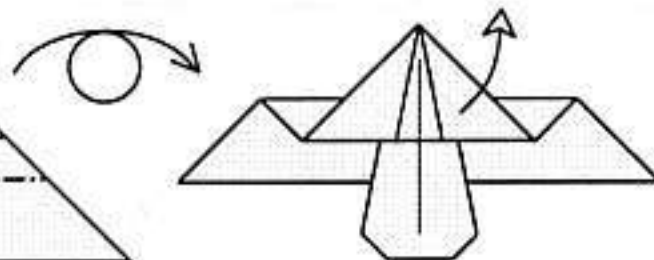
14. Rabbit-ear-fold.



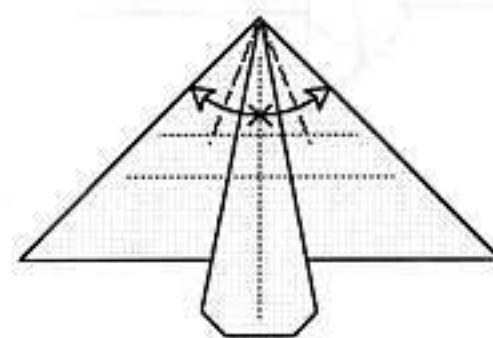
15.



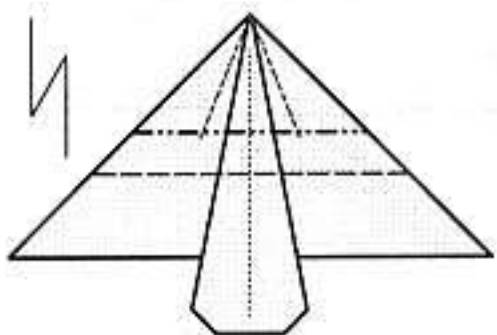
16. Pleat-fold.



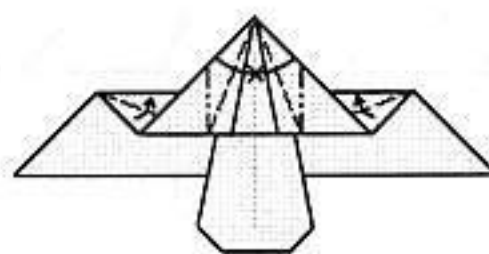
17. Undo pleat fold.



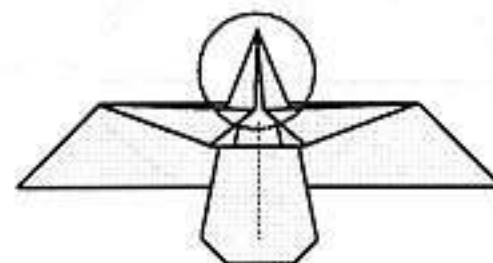
18. Crease.



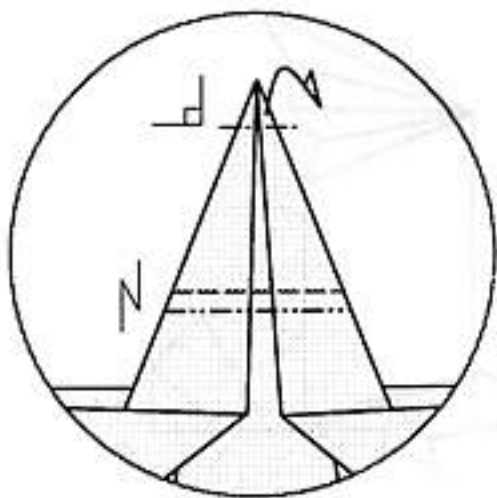
19. Pleat-fold.



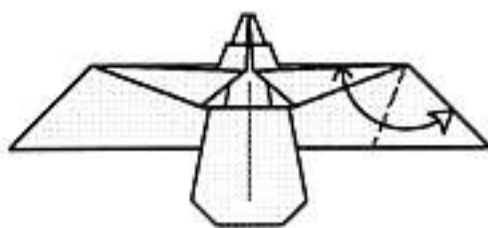
20. Swivel-fold left and right.



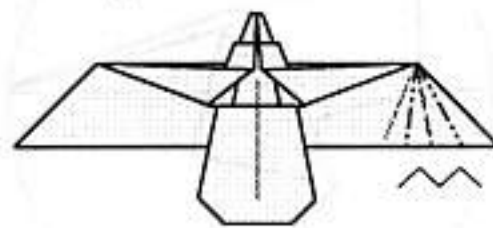
21.



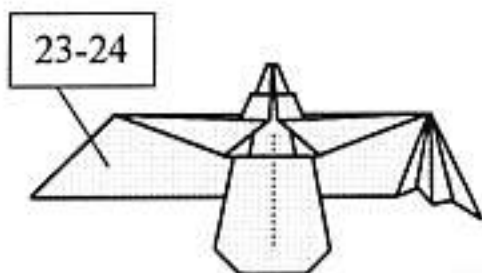
22. Pleat-fold to form beak. Mountain-fold end of beak at a right angle. Model will not lie flat.



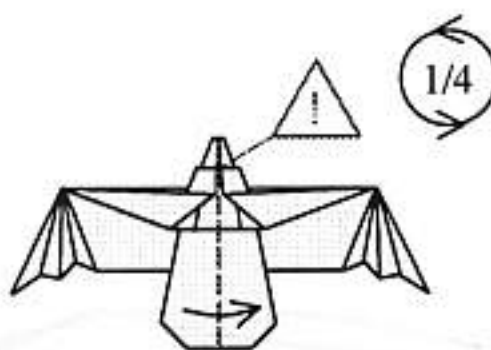
23. Crease.



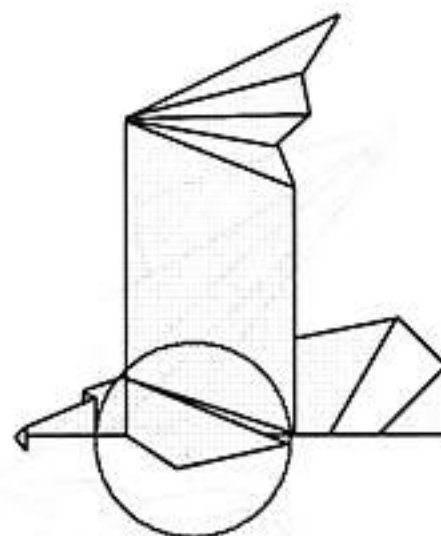
24. Partially pleat-fold. The wing will not lie flat.



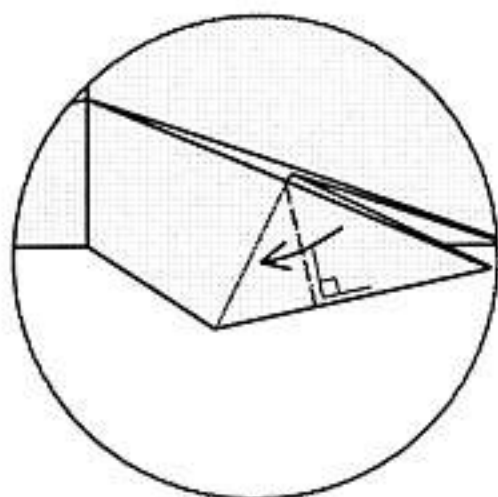
25.



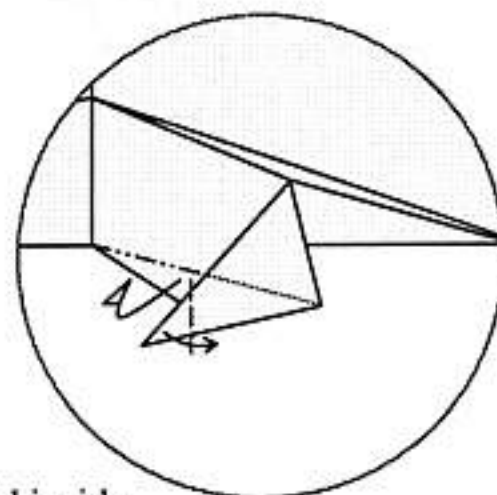
26. Carefully fold the model in half to avoid splitting the paper. Make sure there is one leg flap on each side after folding.



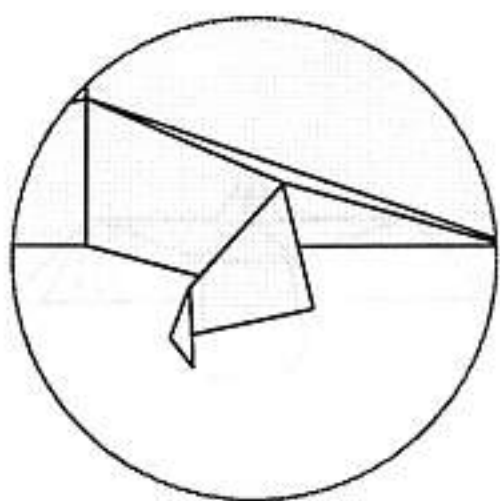
27.



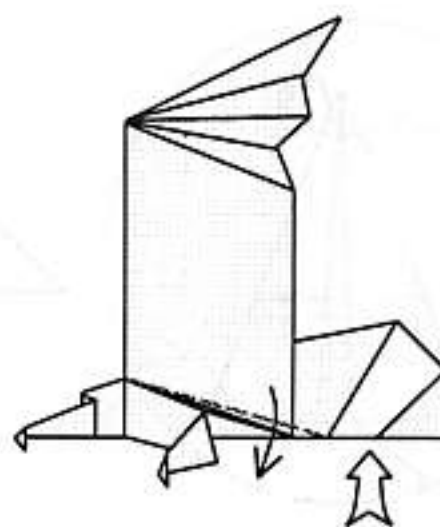
28. Valley-fold. Repeat behind.



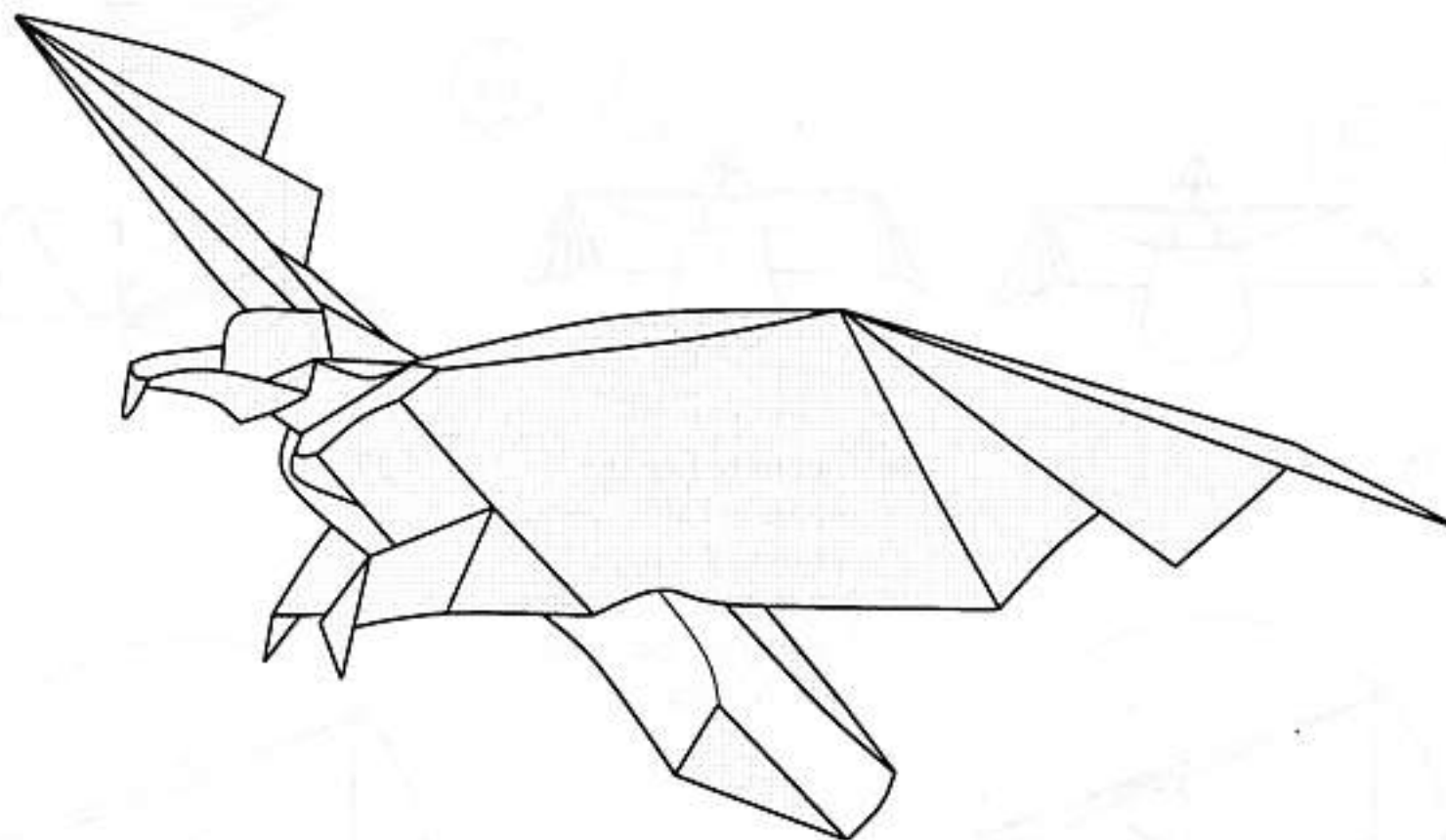
29. Mountain-fold inside. Valley-fold tip. Repeat behind.



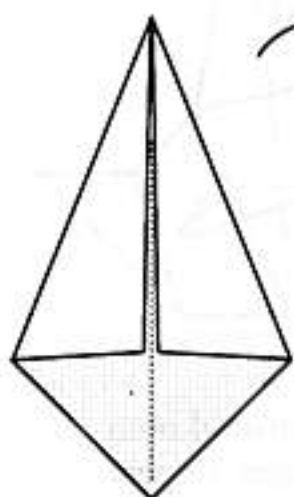
30.



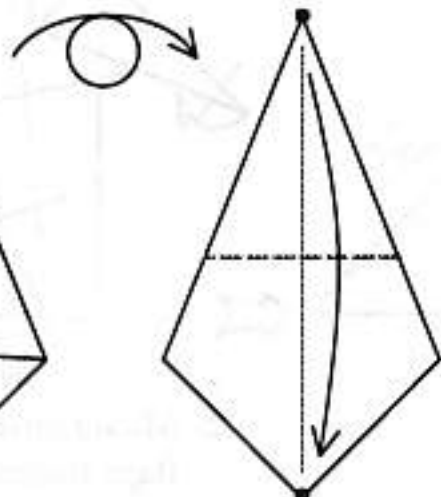
31. Lower wing. Repeat behind. Push tail into a softly downward curving shape.



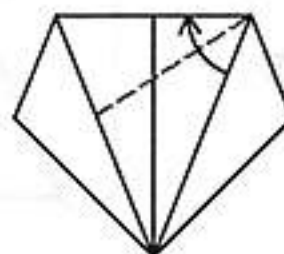
32.



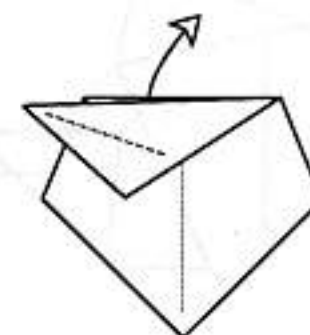
1. Start with a white Kite Base.



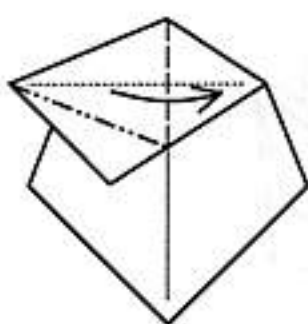
2.



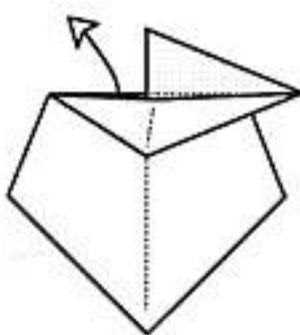
3.



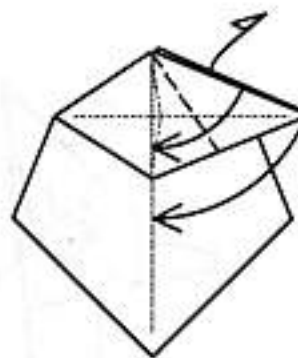
4. Pull out a layer of paper.



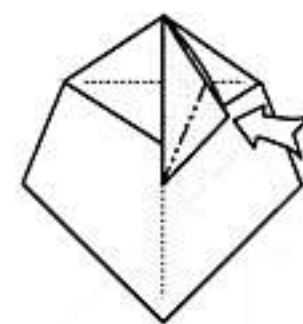
5.



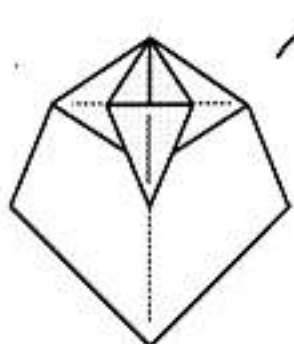
6. Pull out a layer of paper.



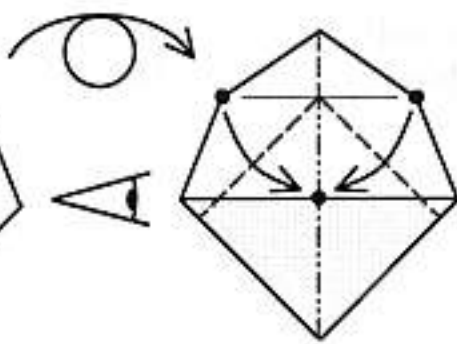
7. Outside-reverse-fold.



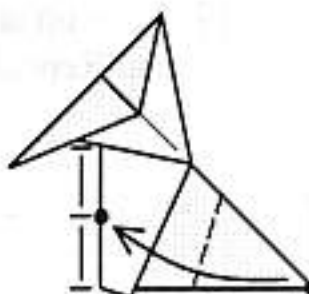
8. Squash-fold.



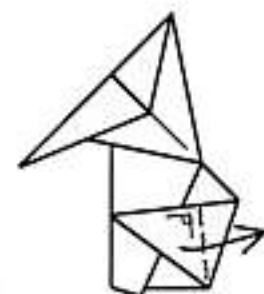
9.



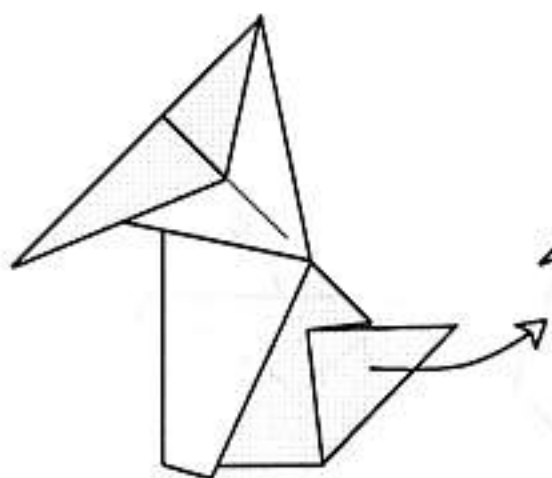
10.



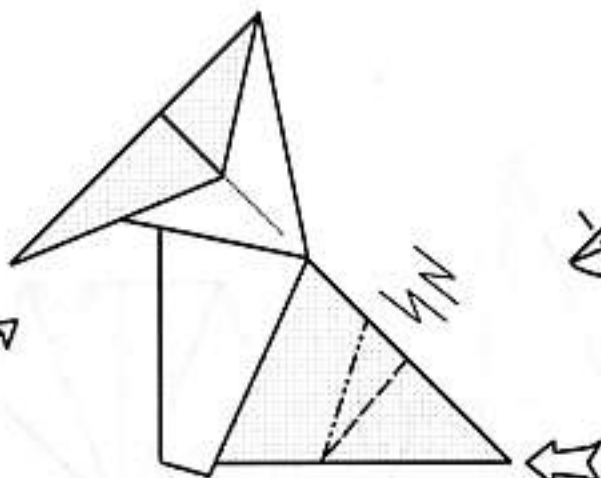
11.



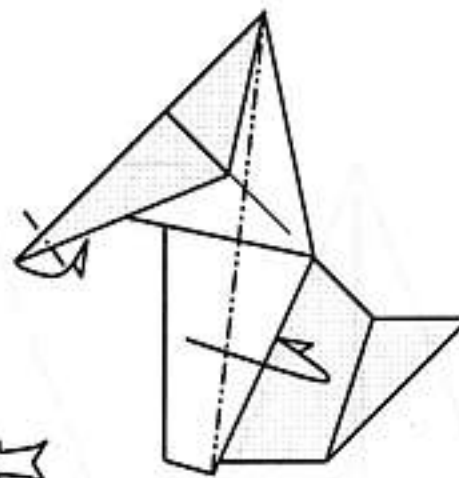
12.



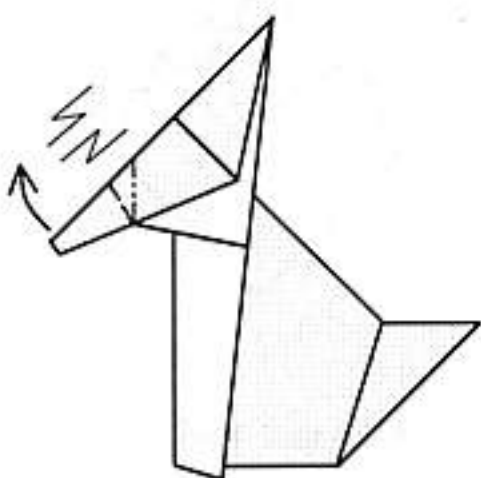
13. Unfold to step 11.



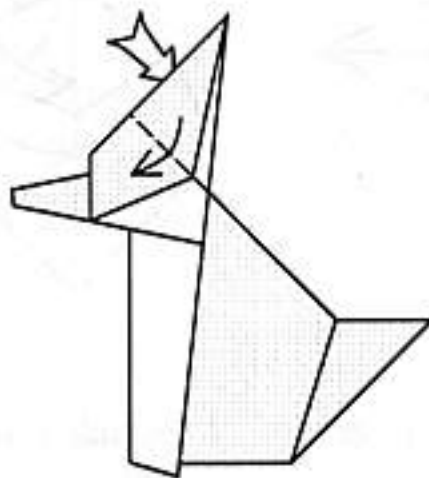
14.



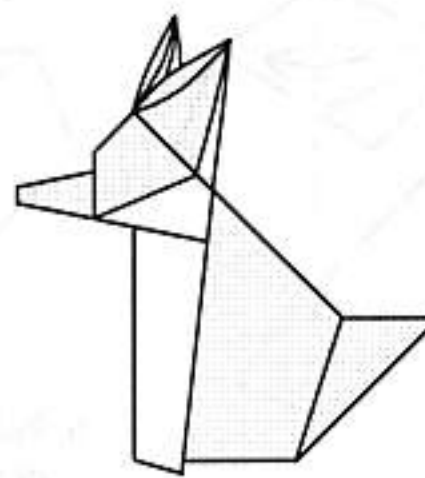
15. Mountain-fold both flaps inside. Repeat behind. Blunt the muzzle with a mountain fold.



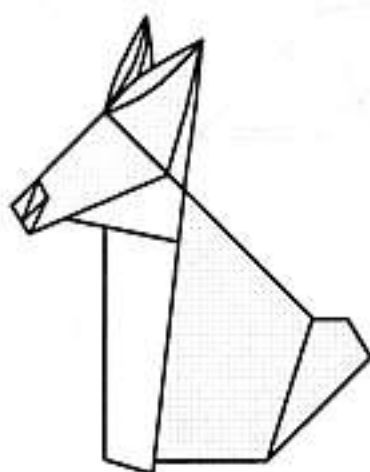
16.



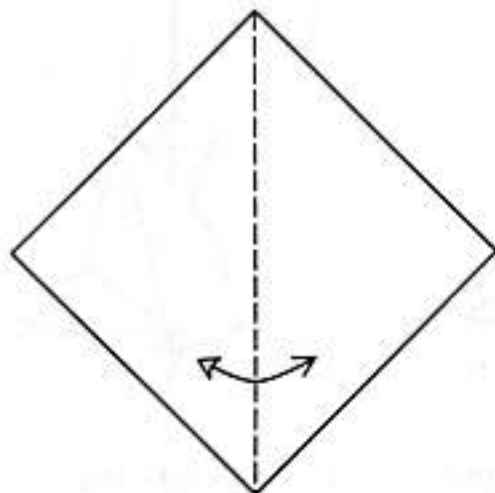
17. Open up and round ear. Repeat behind.



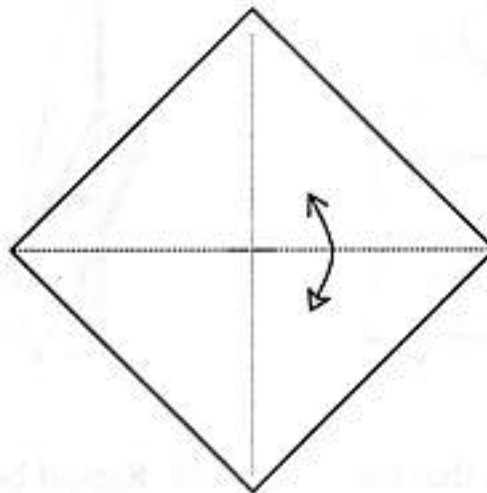
18.



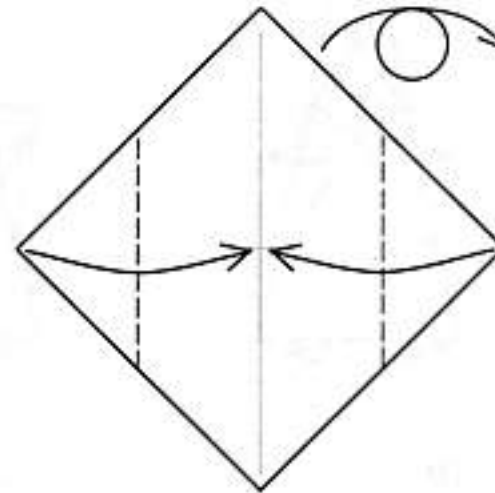
19. With some minor changes you get a rabbit.



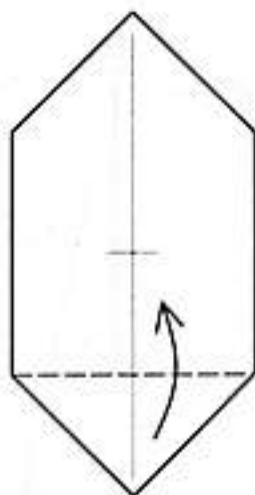
1. Start with white side up.
Crease diagonal.



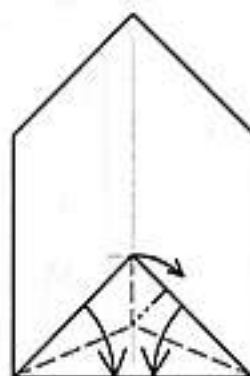
2. Pinch in the center.



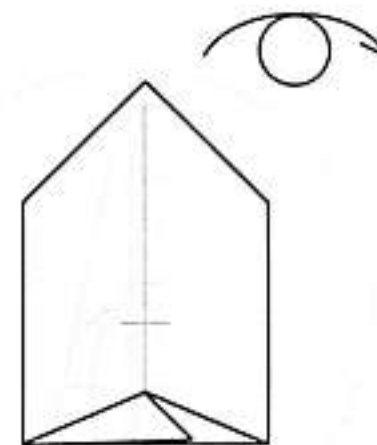
3. Fold two corners into
the center.



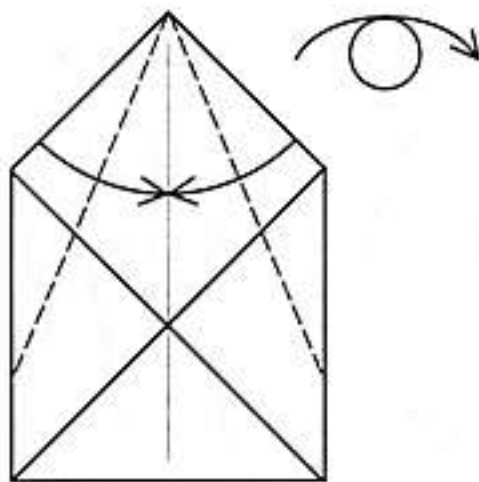
4. Fold corner into the
center.



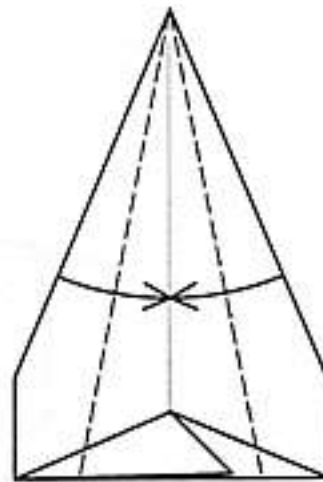
5. Rabbit-ear-fold.



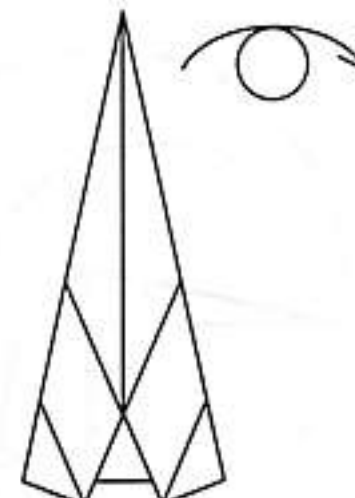
6.



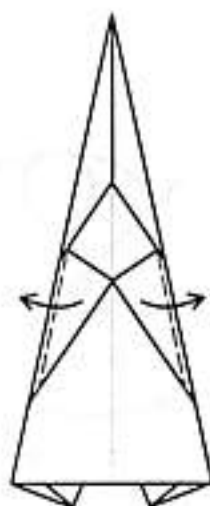
7.



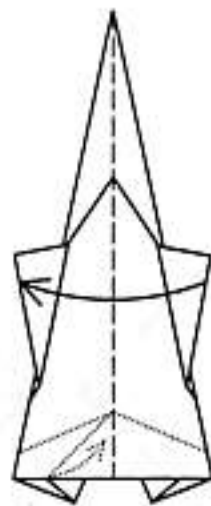
8.



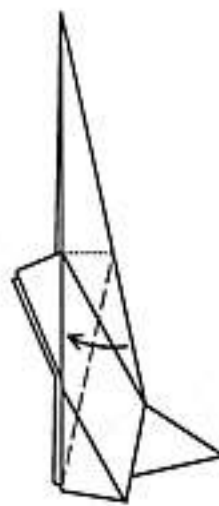
9.



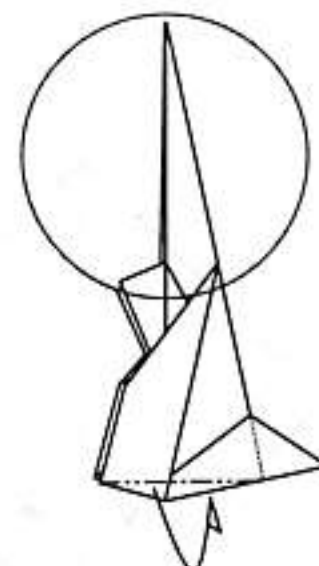
10.



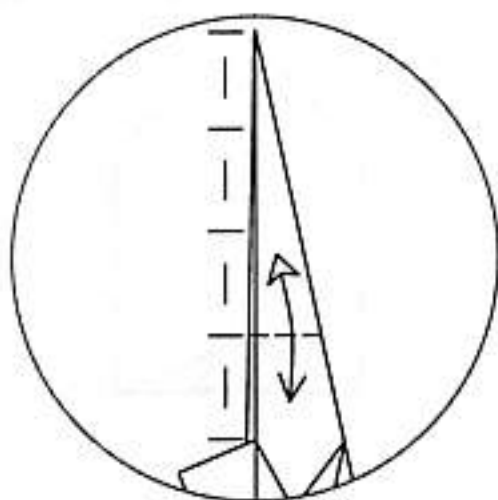
11. Let that the small flap on the far side flip out during this fold.



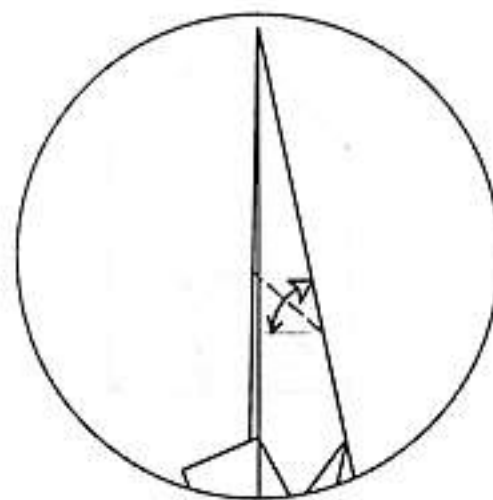
12. Repeat behind.



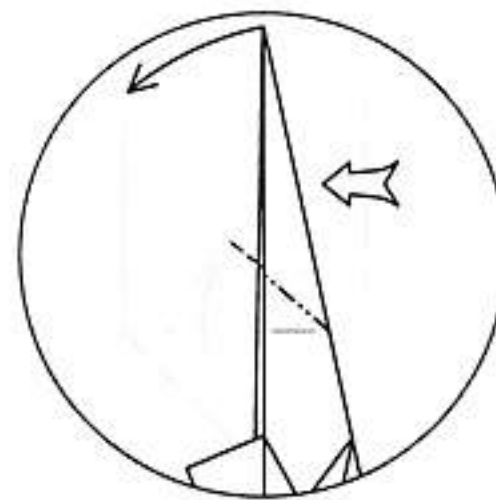
13. Fold into the middle. Repeat behind.



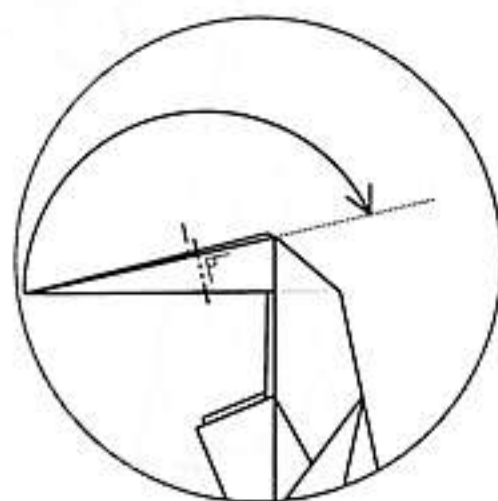
14. Crease lightly.



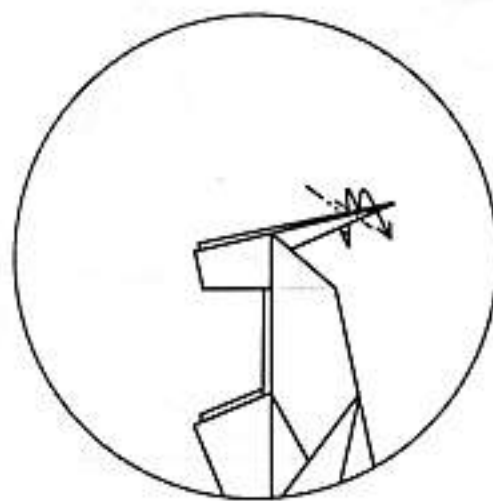
15.



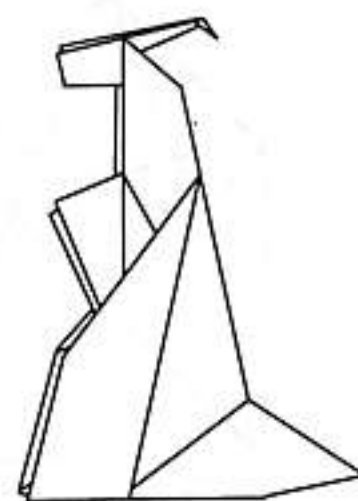
16. Inside-reverse-fold.



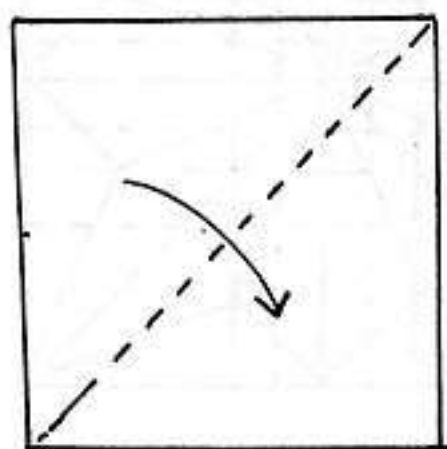
17. Inside-reverse-fold.



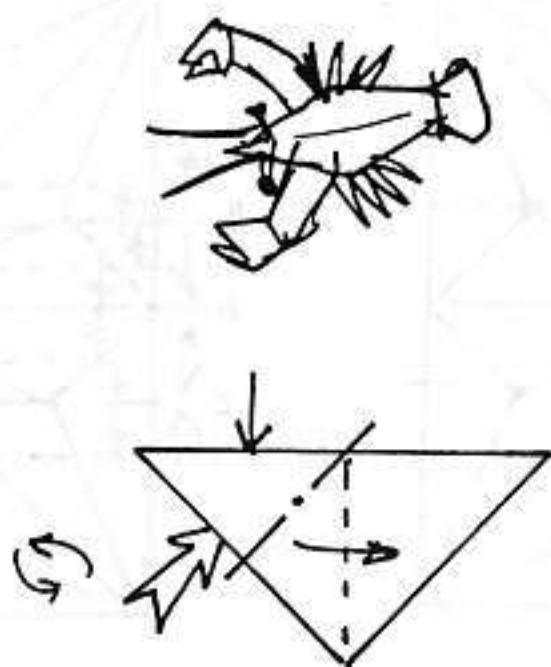
18. Outside-reverse-fold.



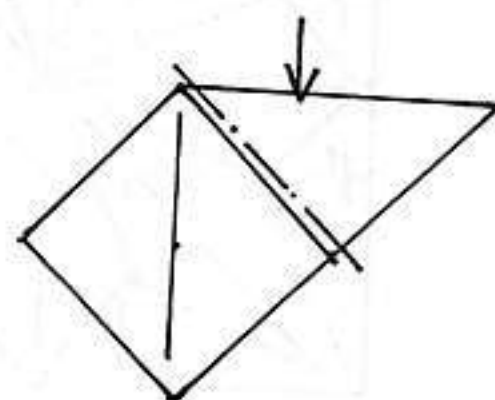
19.



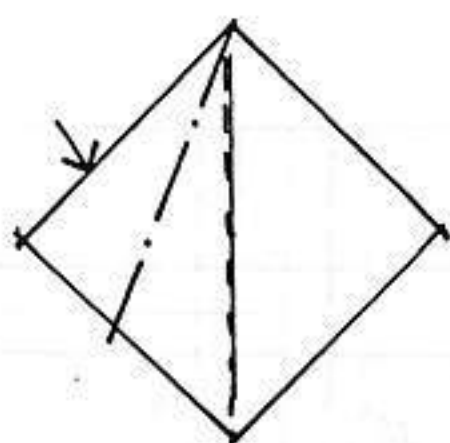
1. White side up



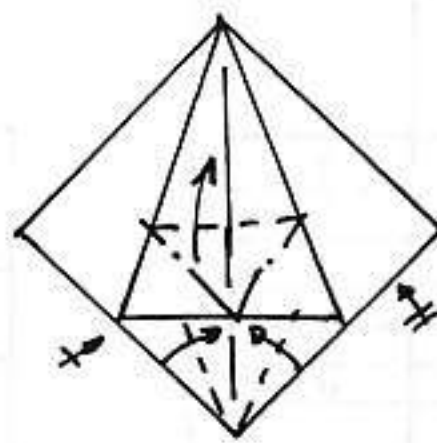
2. Squash



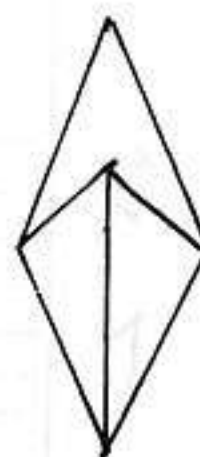
3. Pleat behind



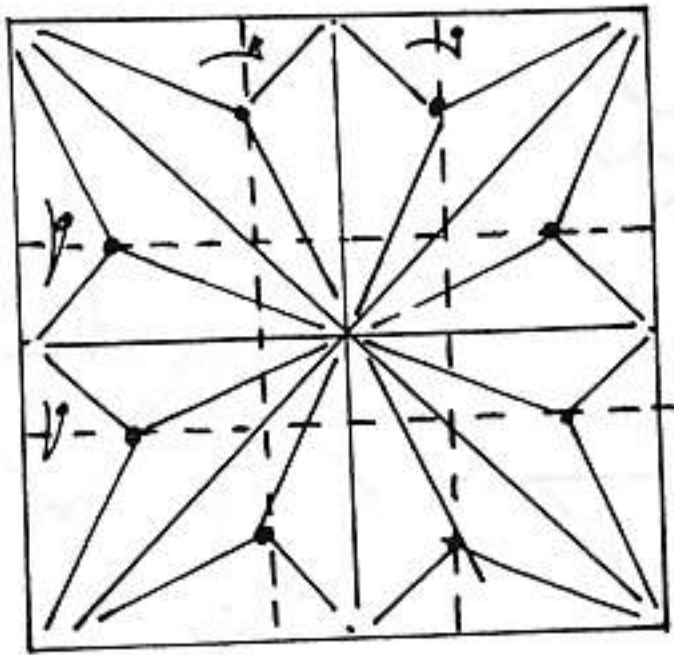
4. Squash



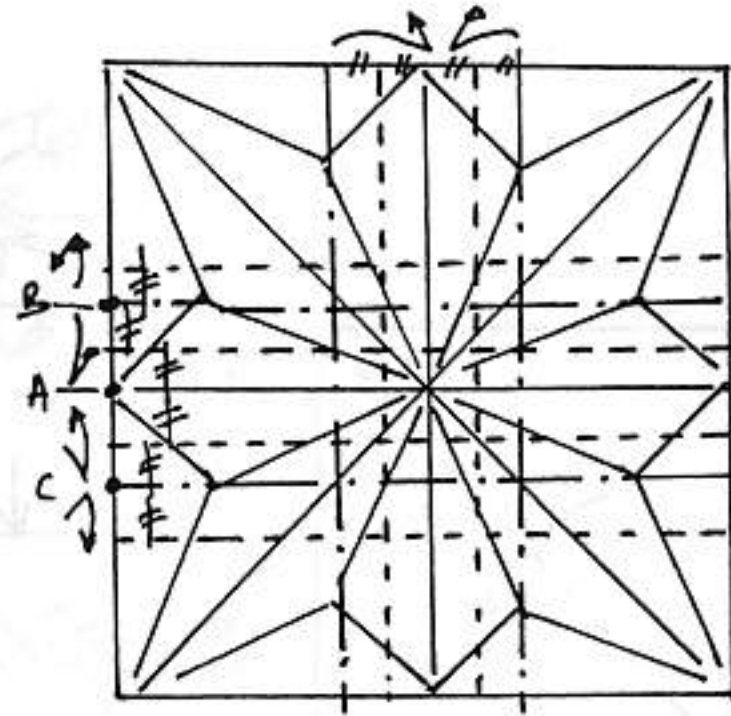
5. Petal fold
Repeat on the
3 other flaps



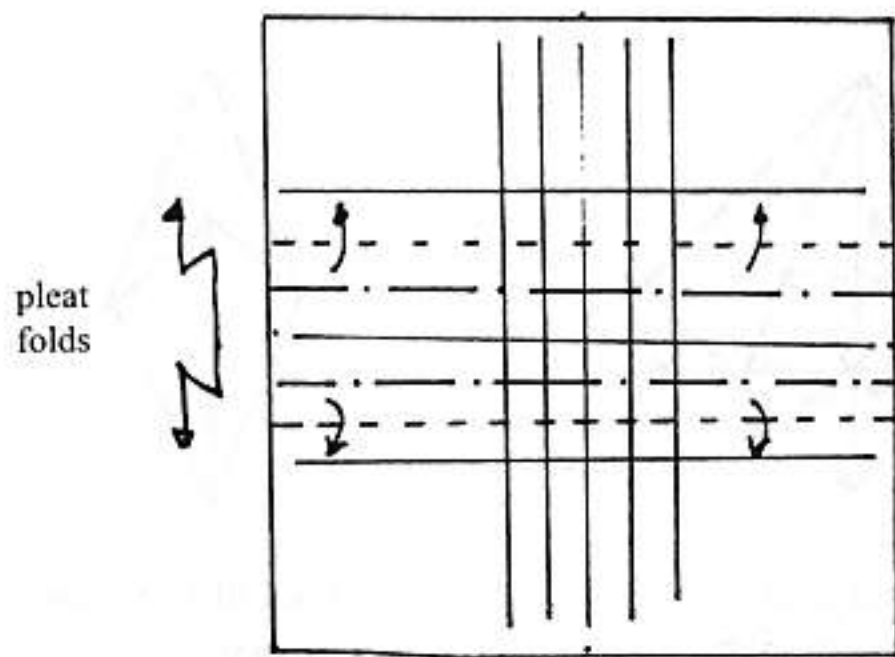
6. Unfold frog base
to step 1



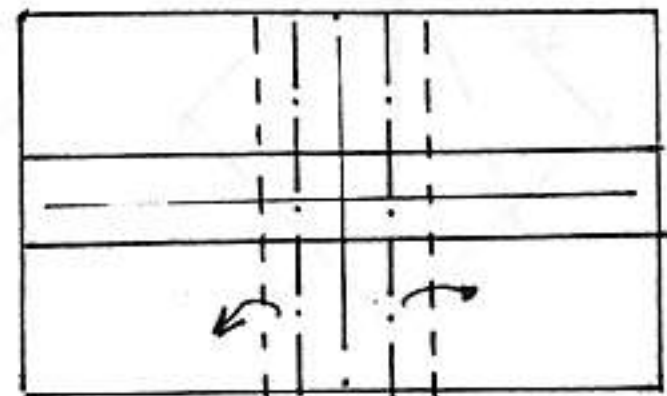
7.



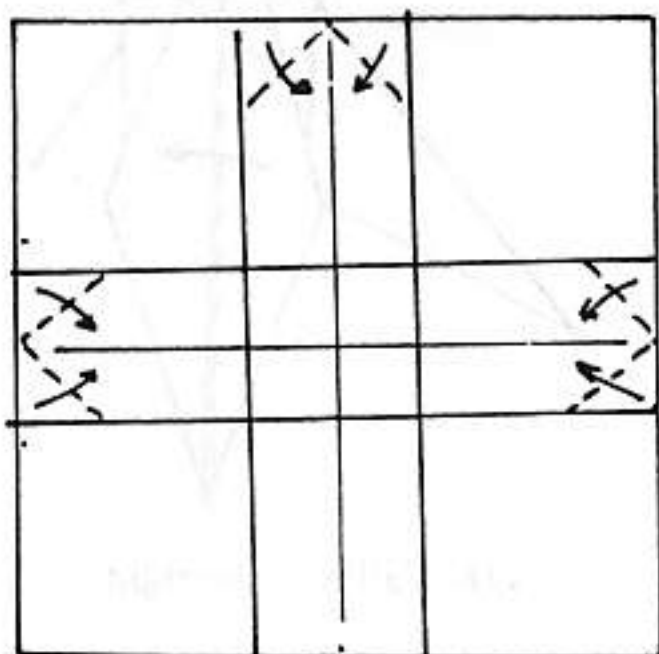
8. Bring A to B and unfold
Bring C to A and unfold
Repeat vertically



9.

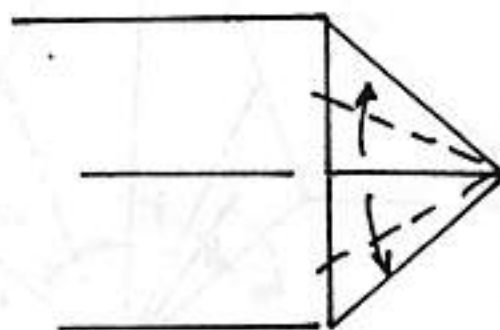


10. Pleat folds

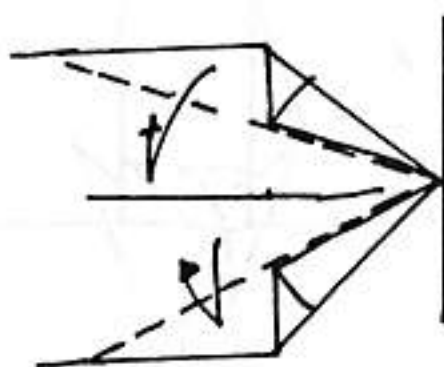


11.

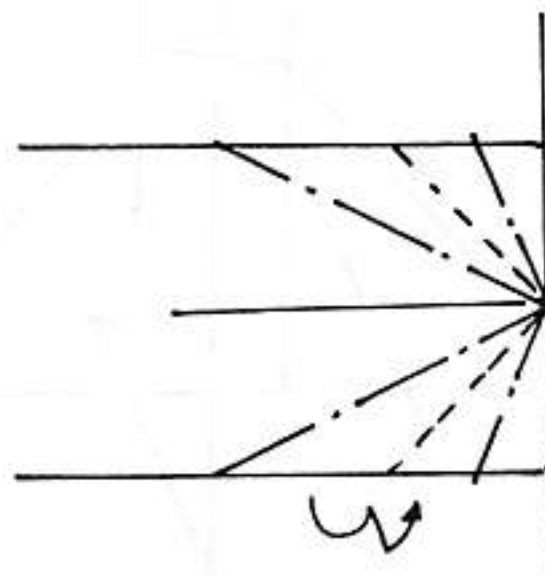
enlarged
view



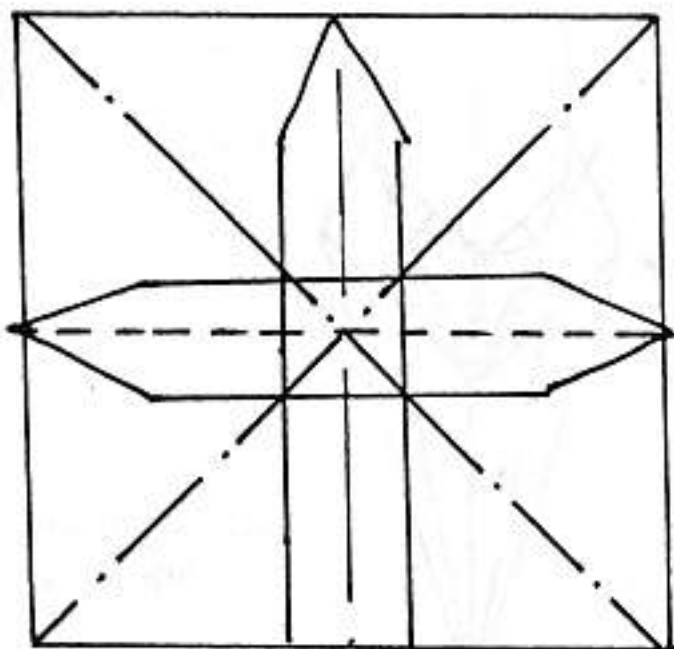
12.



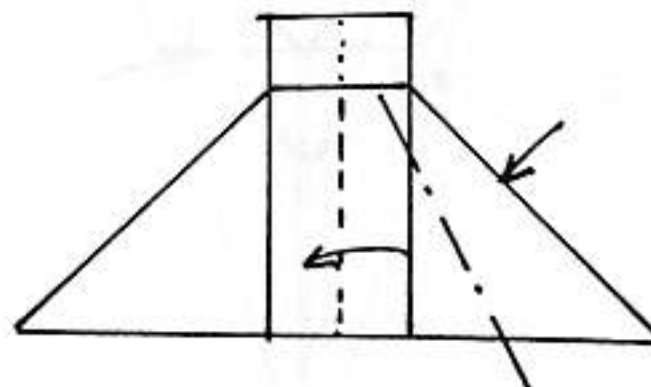
13. Create then unfold



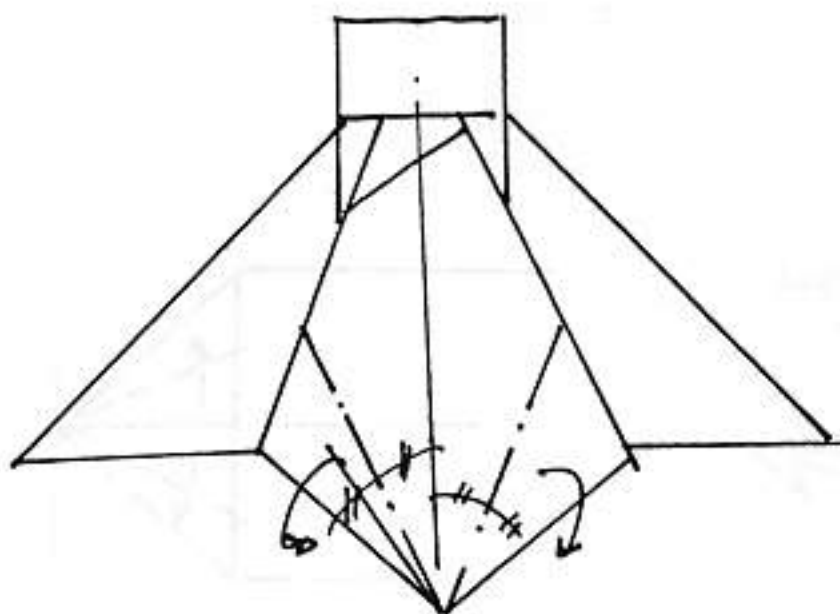
14. Successive inward
reverse folds.
Repeat steps 12-14 on
The 2 other flaps



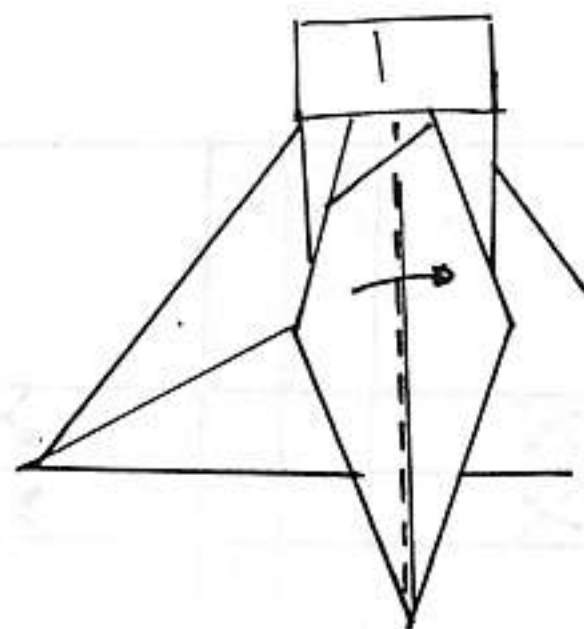
15. Waterbomb base



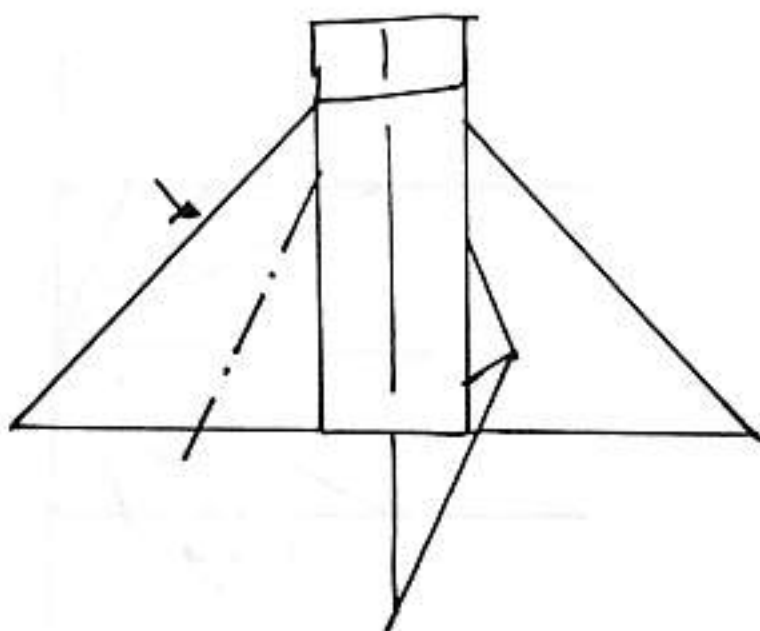
16. Valley squash
Front flap



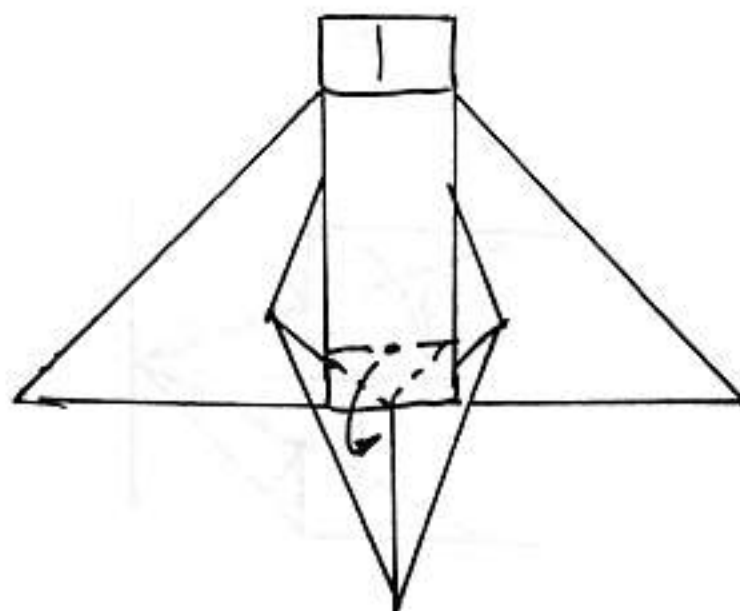
17. Inside reverse



18. Valley to the right

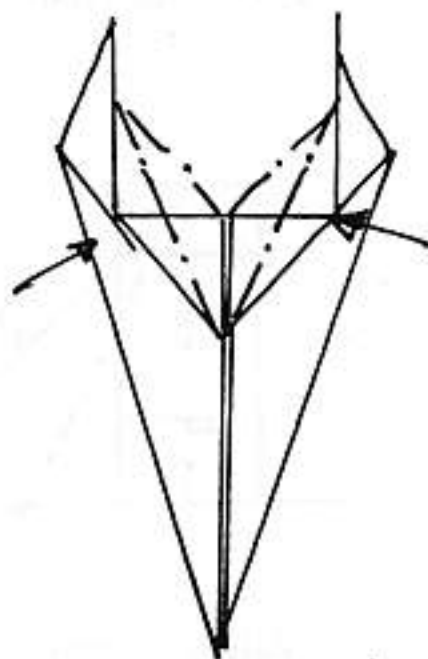


19. Repeat steps 16-18
on left flap

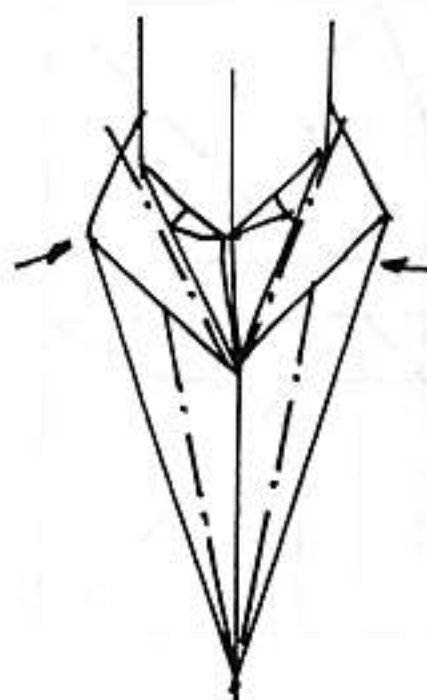


20. Tuck inside

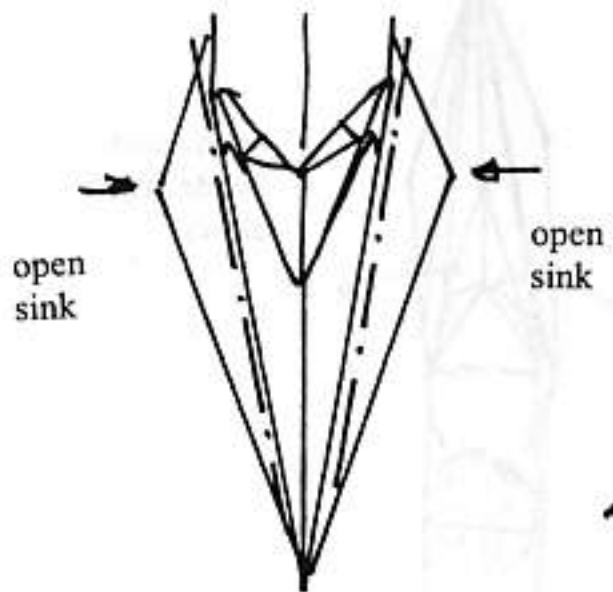
enlarged
view



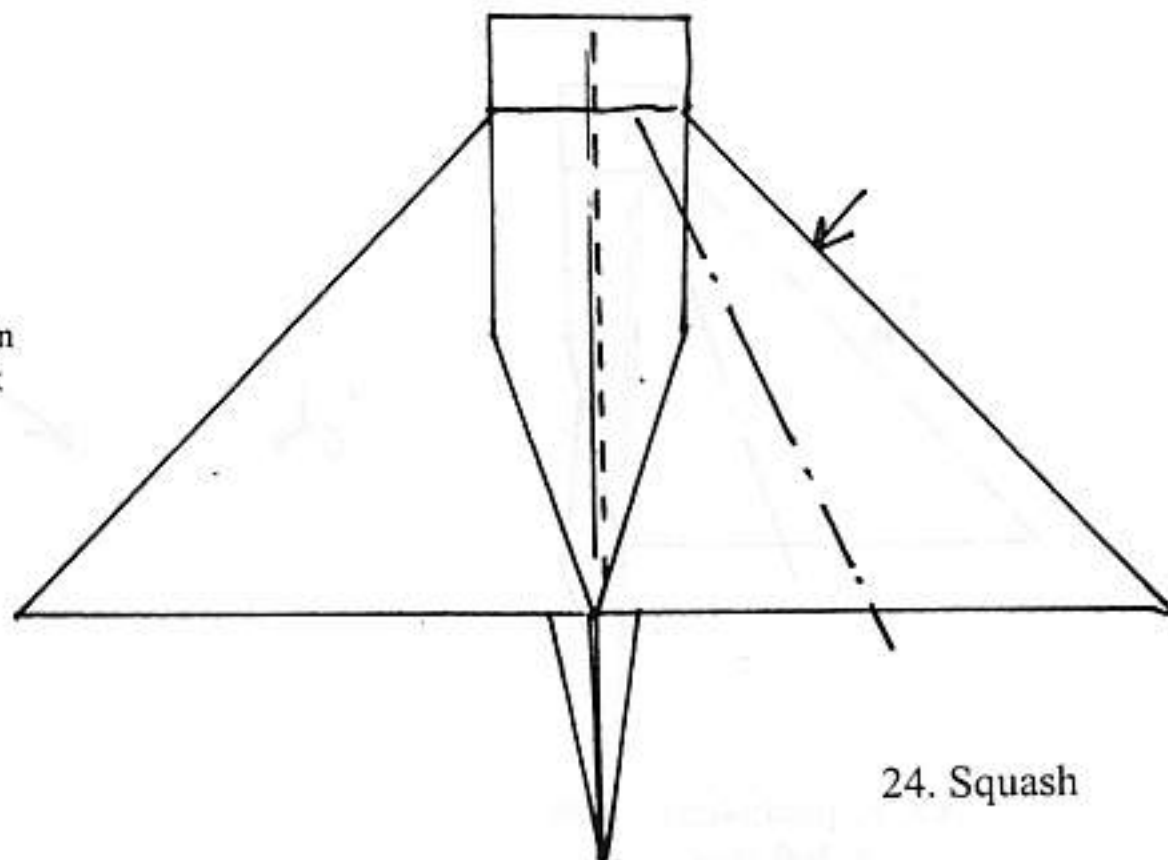
21. Open sinks



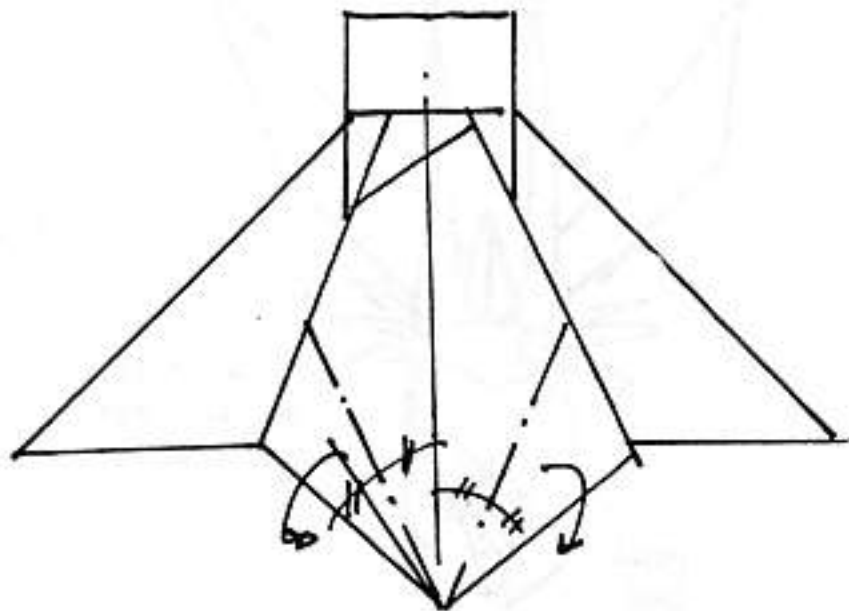
22. Open sink
antennas



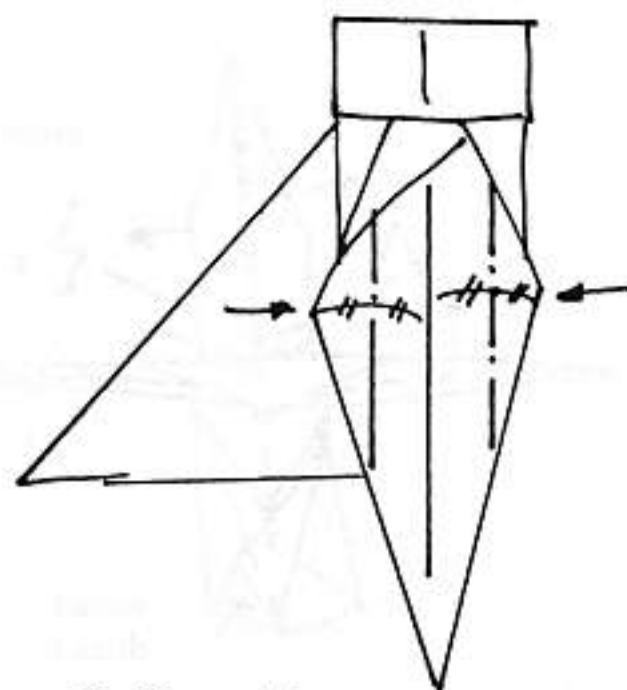
23.



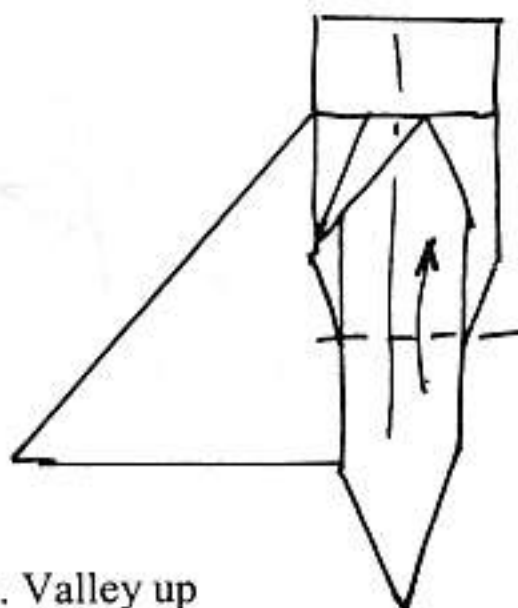
24. Squash



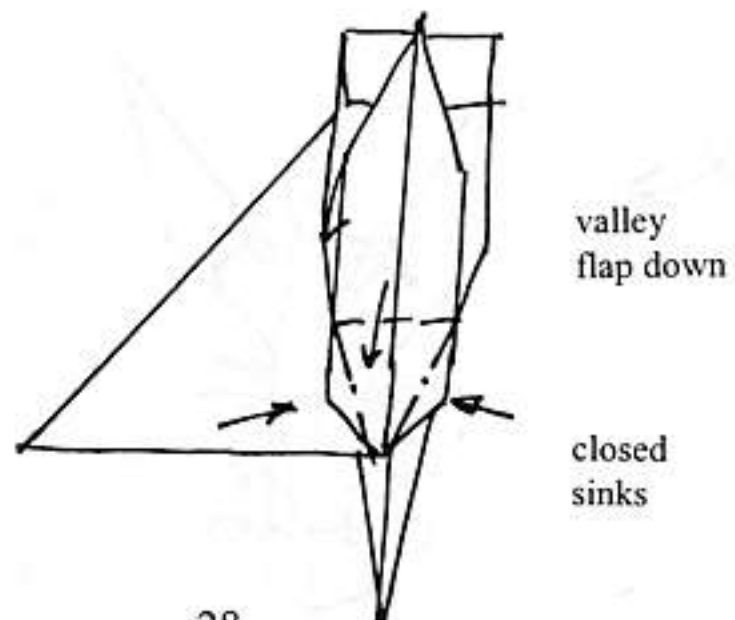
25. Inside reverse



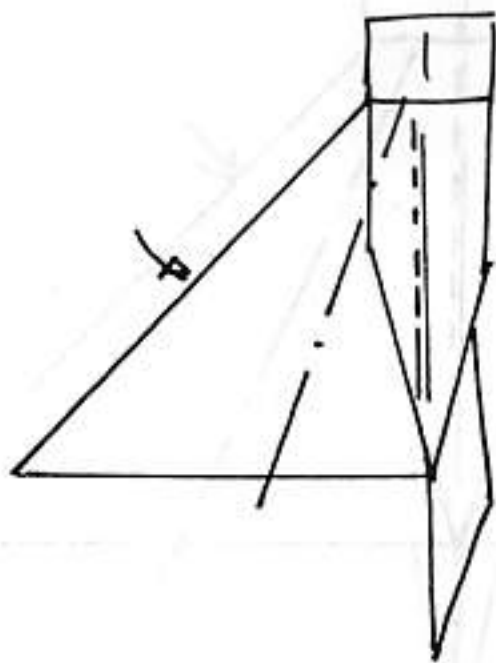
26. Open sinks



27. Valley up

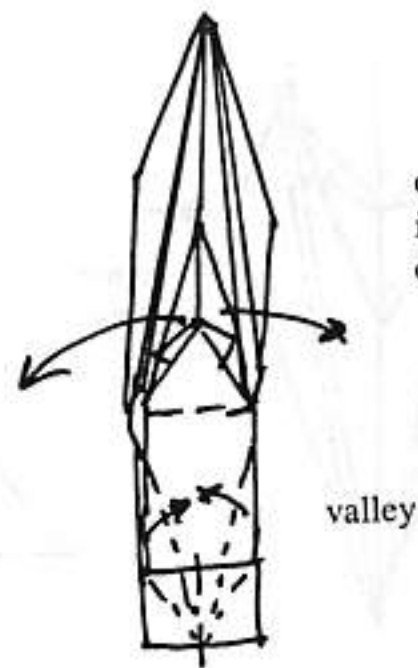


28.

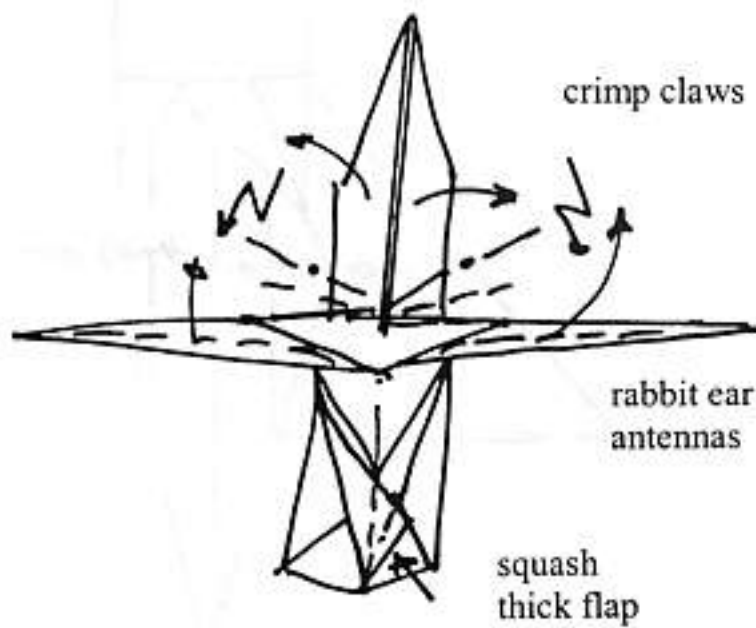


29. Repeat steps 24-28
on left flap

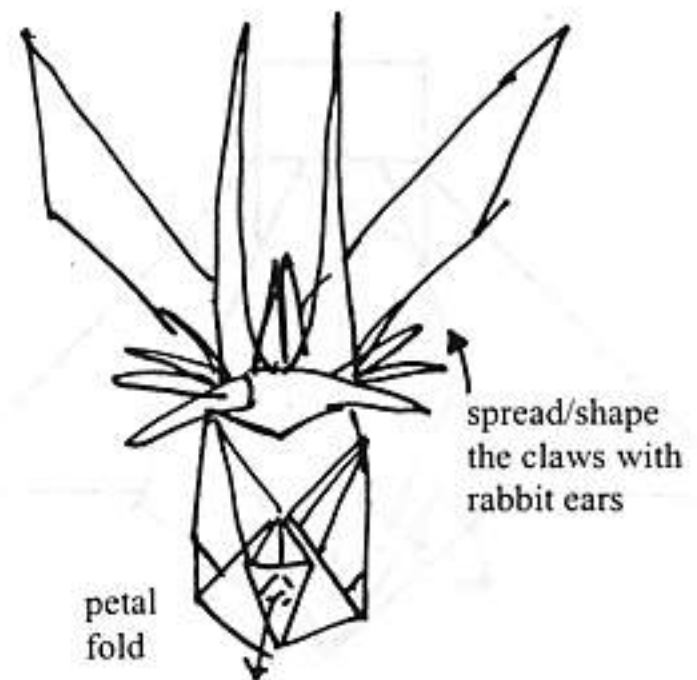
2



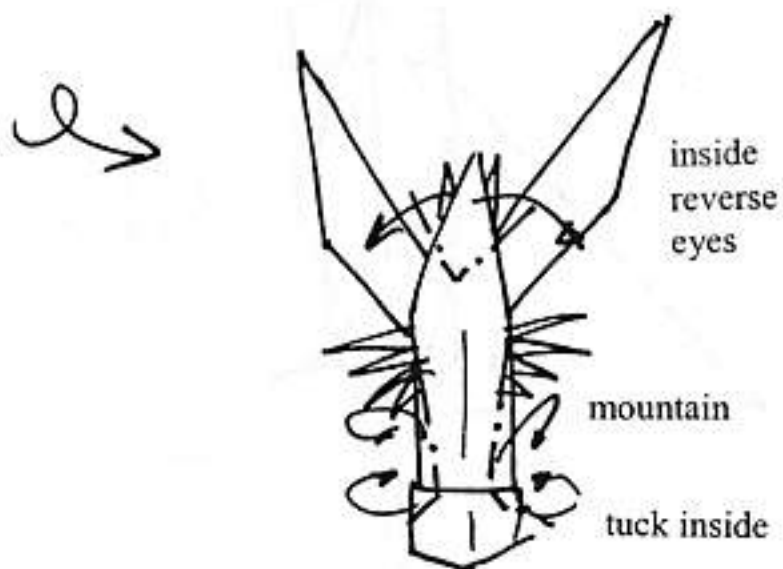
30.



31.



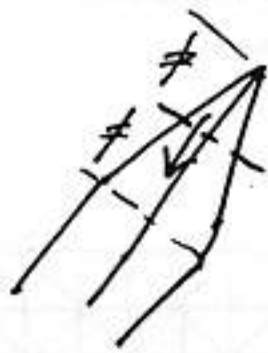
32.



33.



34. Open flat



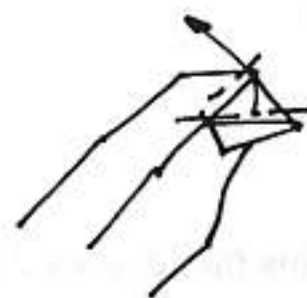
35. Valley



36. Valley up



37. Unlock free paper



38. Valley



39. Unlock paper



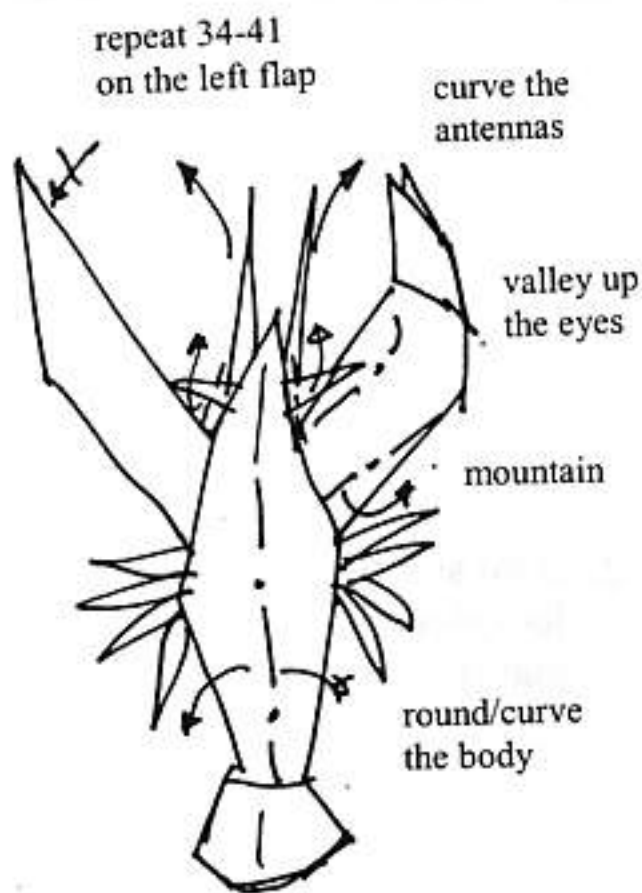
40. Outside reverse



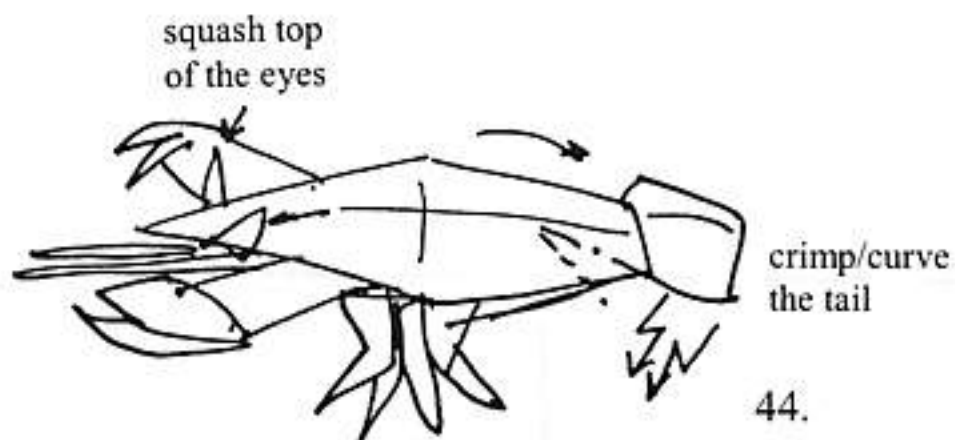
41. Inside reverse



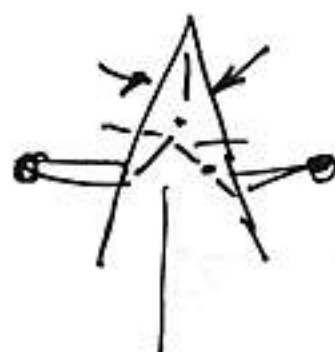
42. Crimp claw



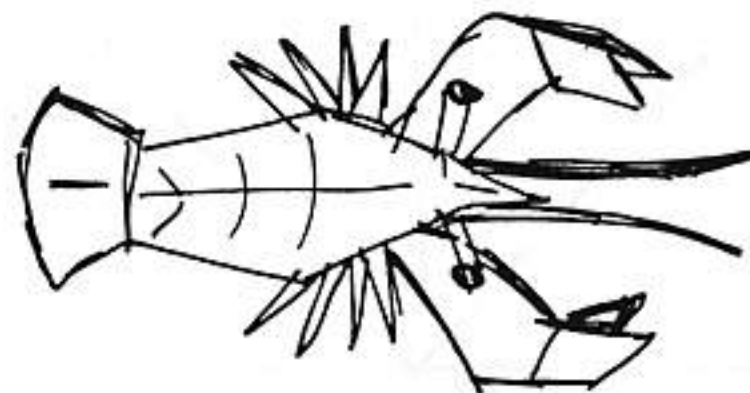
43.



44.



45. Pinch tip of head down



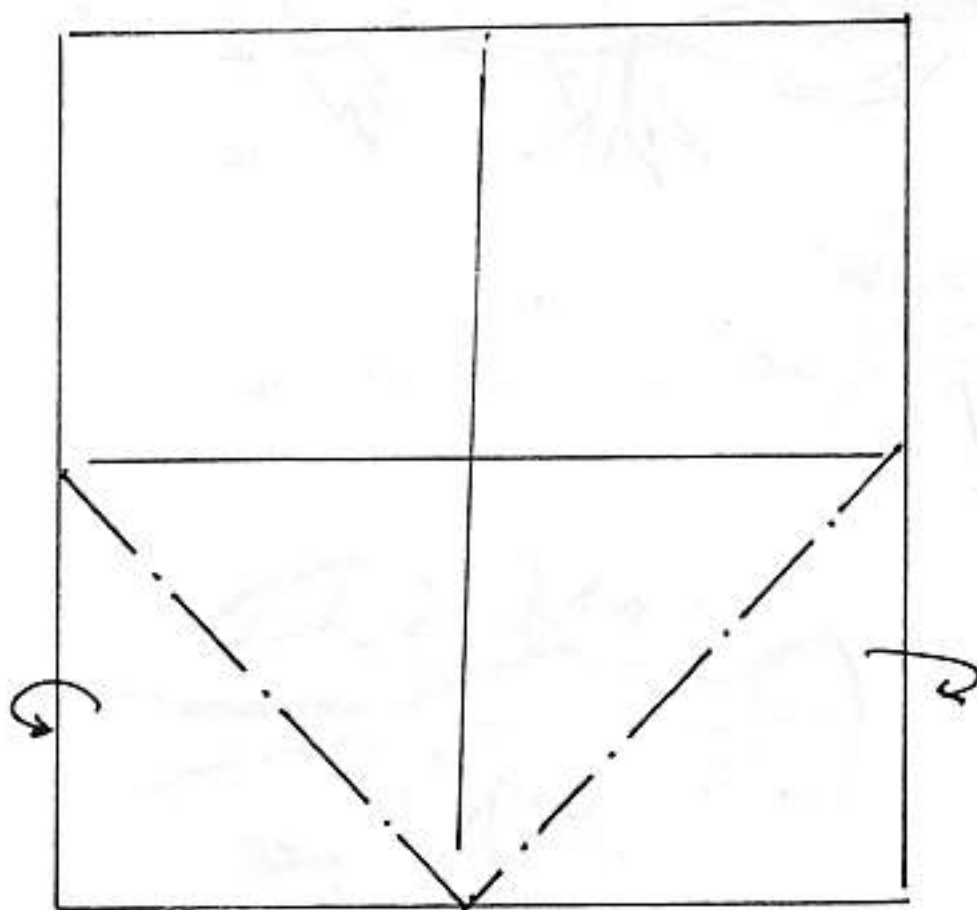
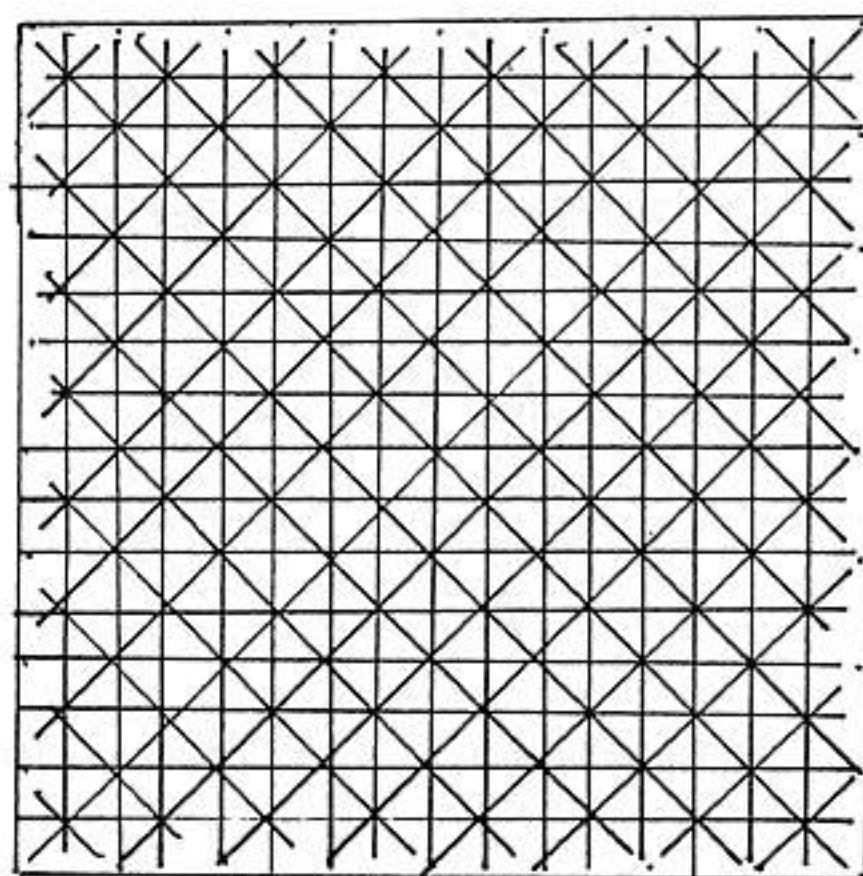
46. Crawfish completed

This model uses 2 square sheets of paper.

Part I: The Pianist Chopin

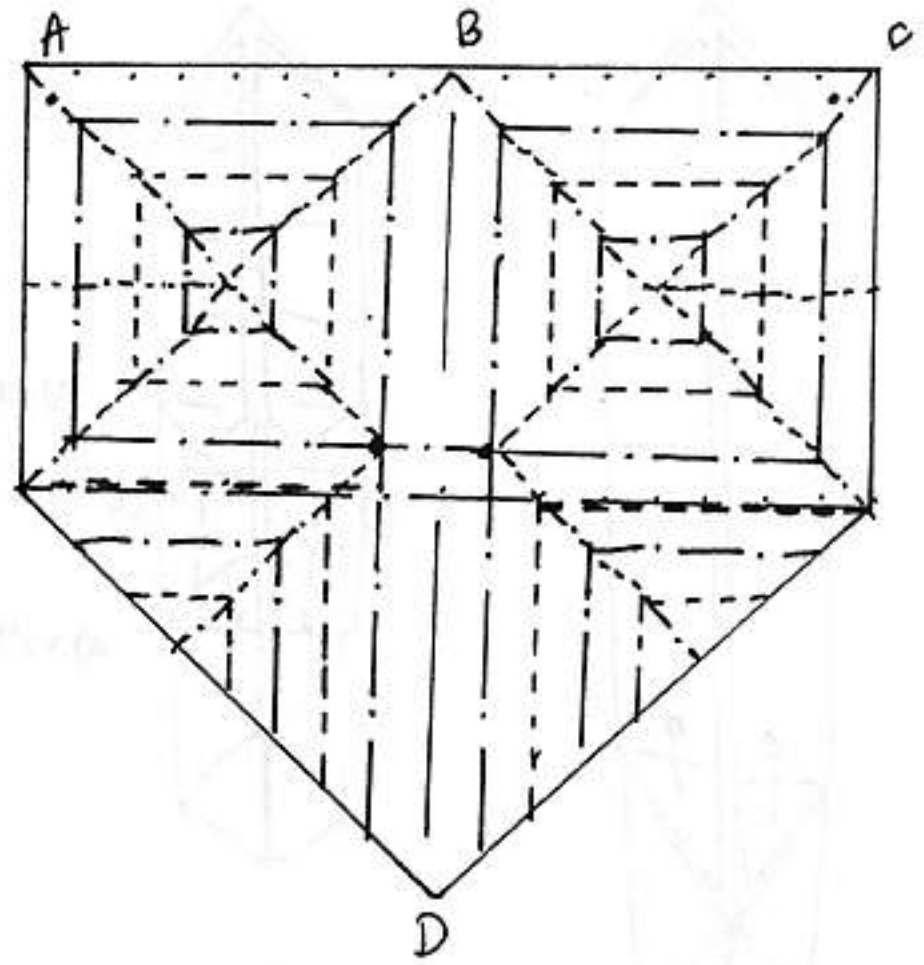


1.

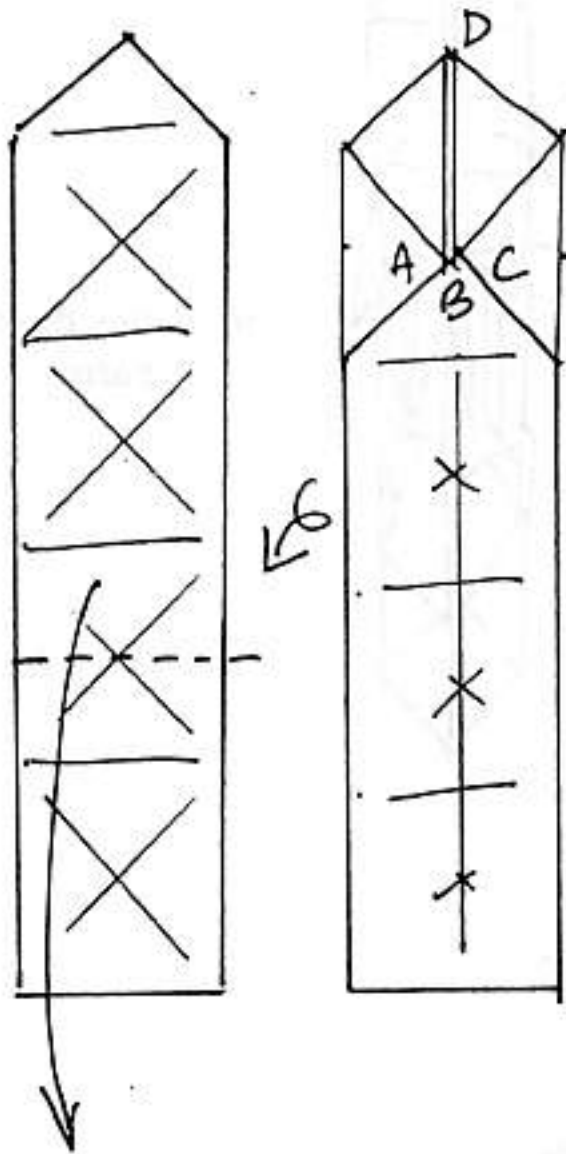


2. color side up
for colored
pianist

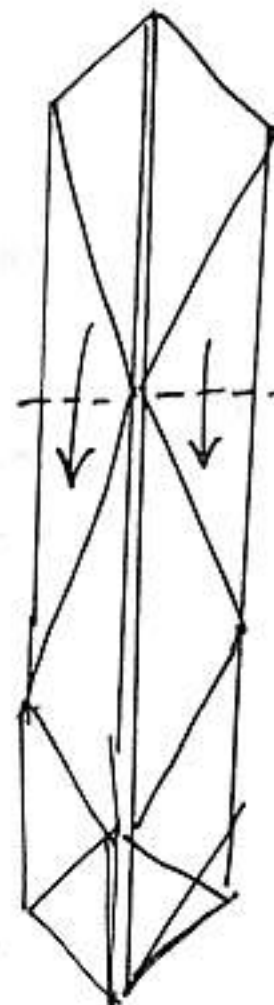
3. collapse



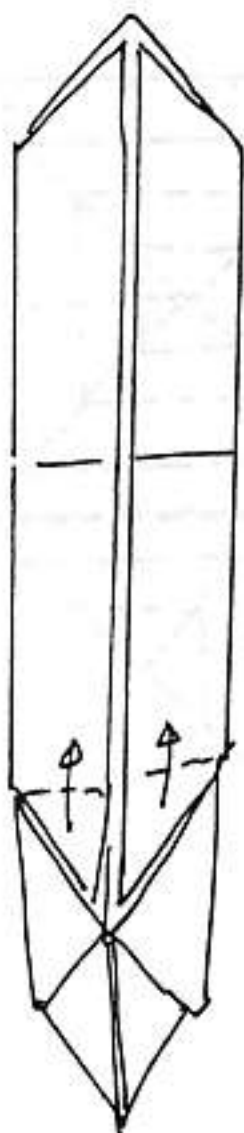
4.



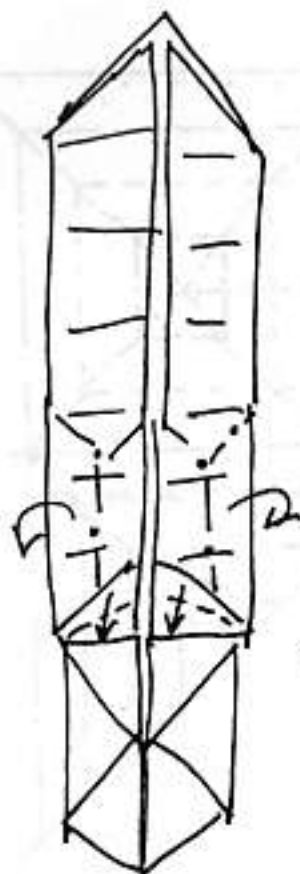
5. valley/stretch down



6. valley down legs



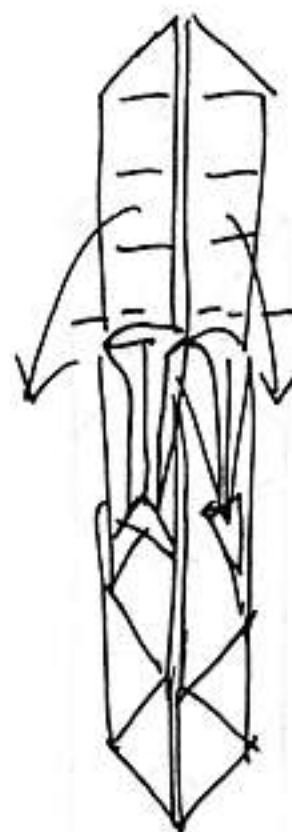
7. valley up the feet



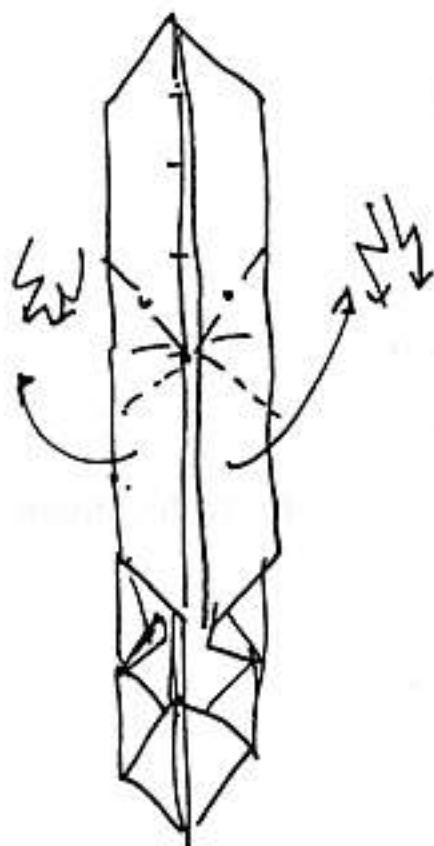
8.

b) pinch the legs

a) valley the feet

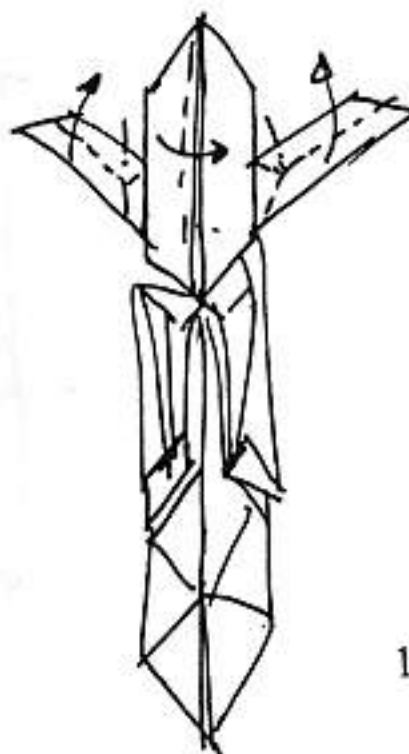


9. valley down the arms



10. inside crimp up the arms

valley the body in half

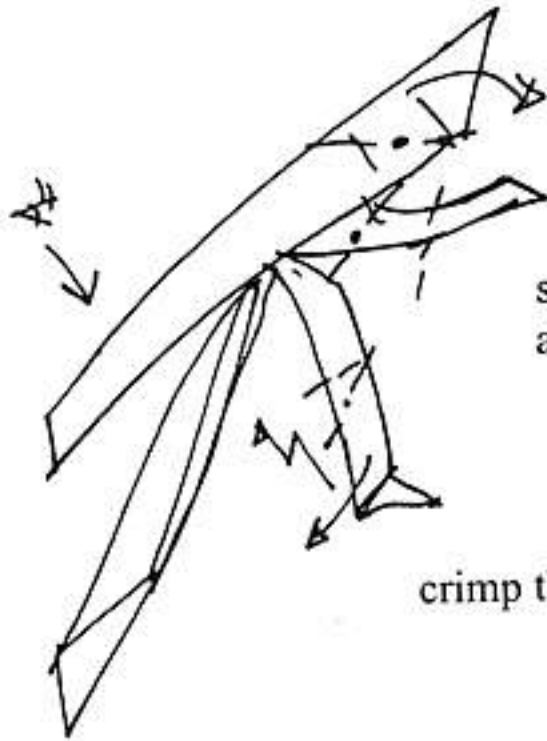


rabbit ear
for the arms

11.

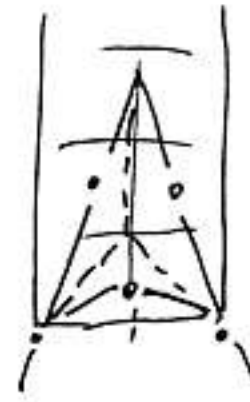
inside reverse

12.



shape the arms
and hands

crimp the legs



successive
inside
reverse folds

13. view of the tail

inside reverse



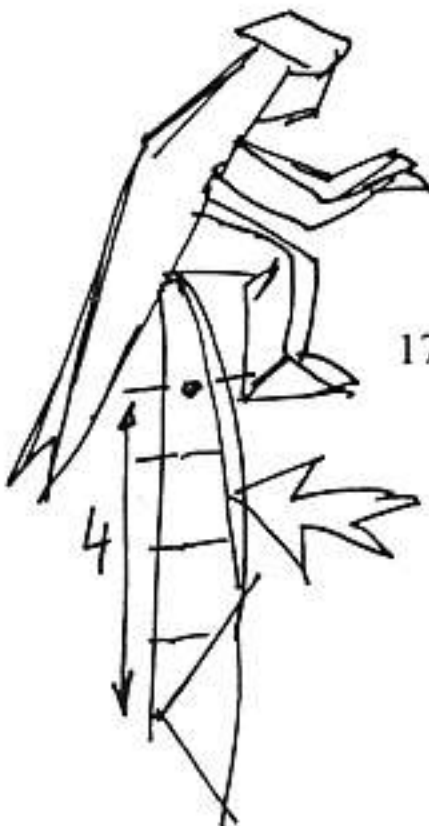
14. view of the head



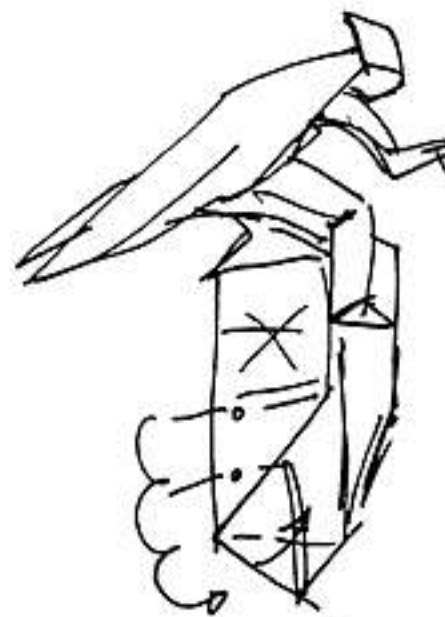
15. outside reverse



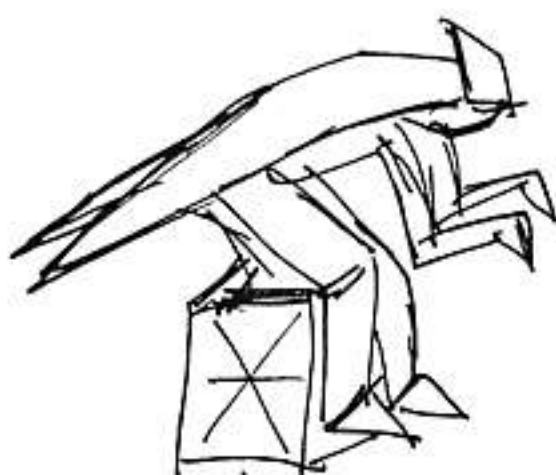
16. head completed



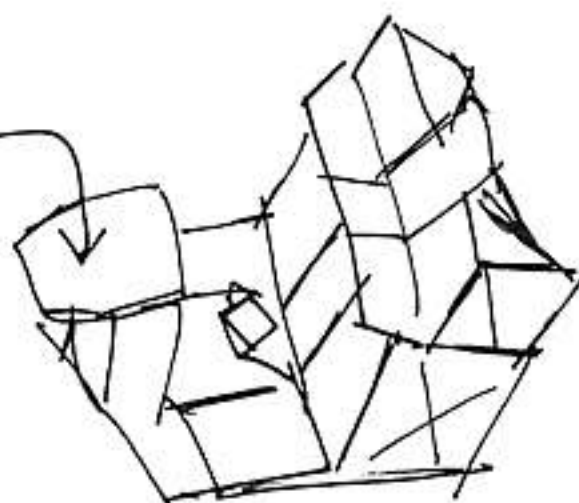
17. open into
a U shape



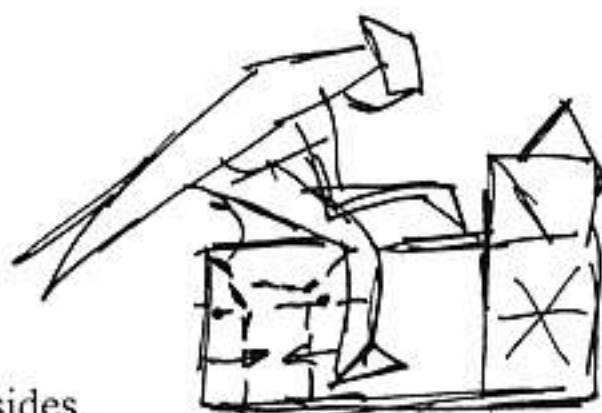
18. successive mountain
folds inside



19. plug the seat of the
of the pianist on
the seat of the piano



20. use the piano
from part II



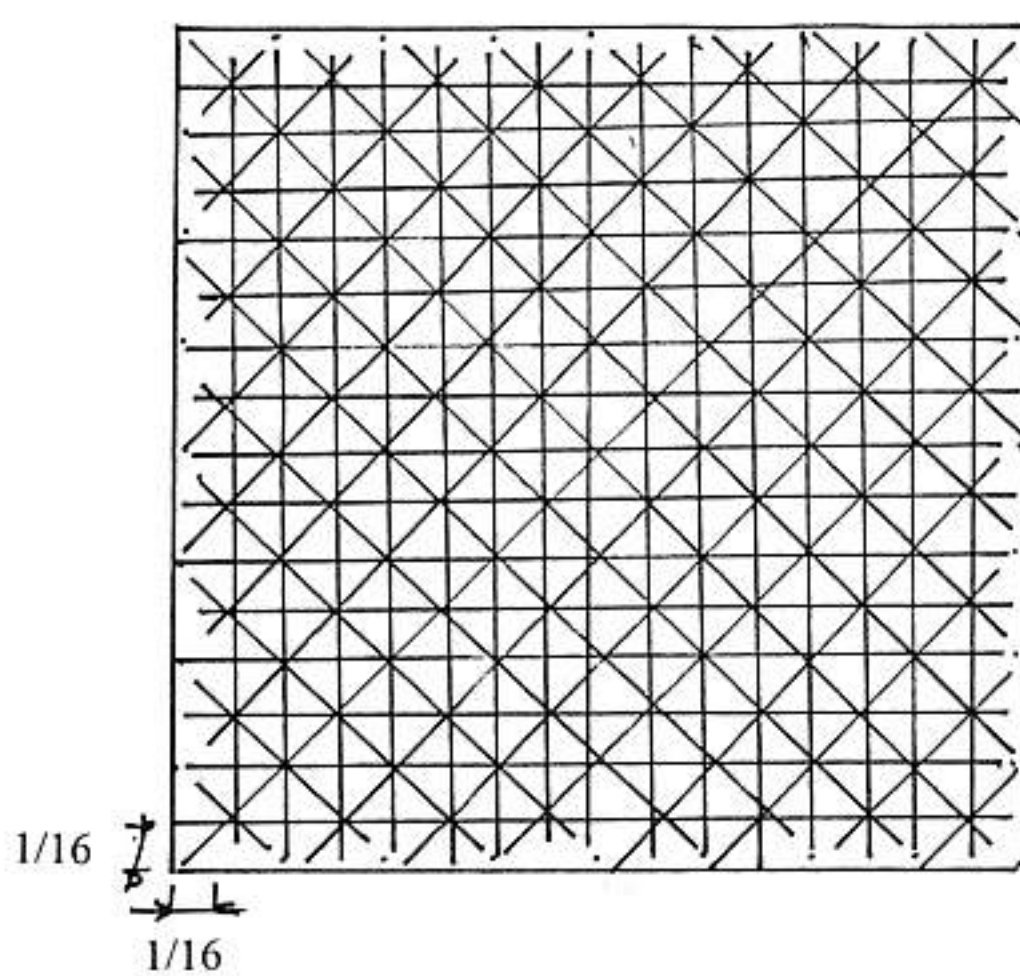
21. push the sides.

shape the seat to taste.
adjust the arms and legs
to put them in position.

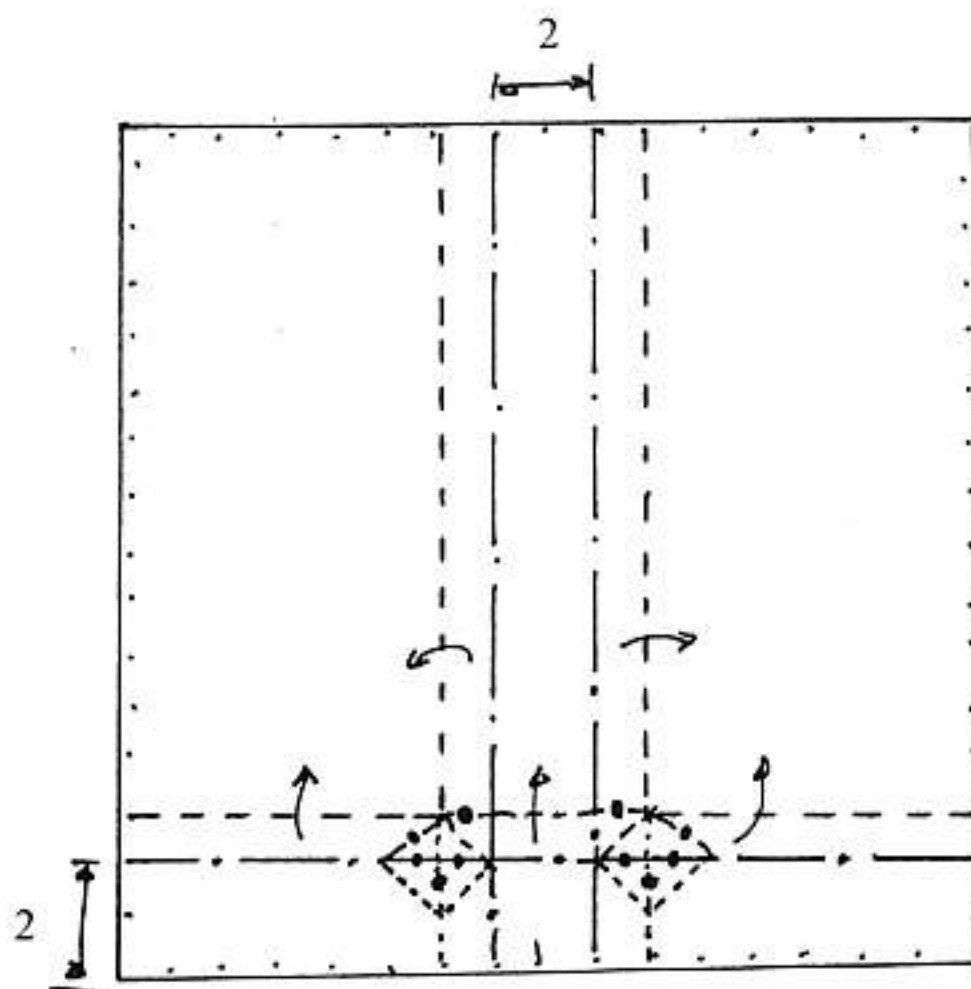
22. pianist playing
an upright piano
completed



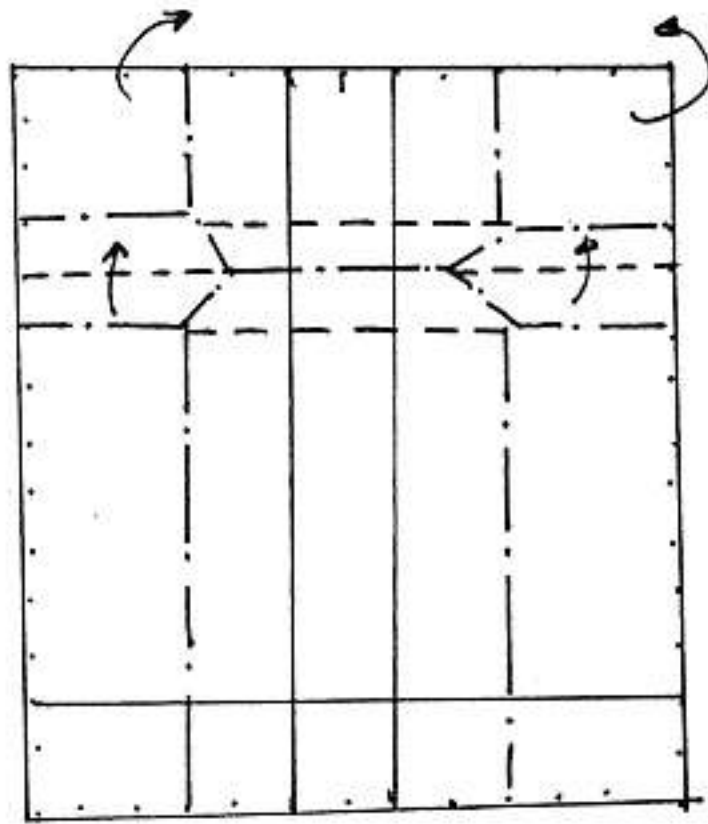
Part II: The Upright Piano



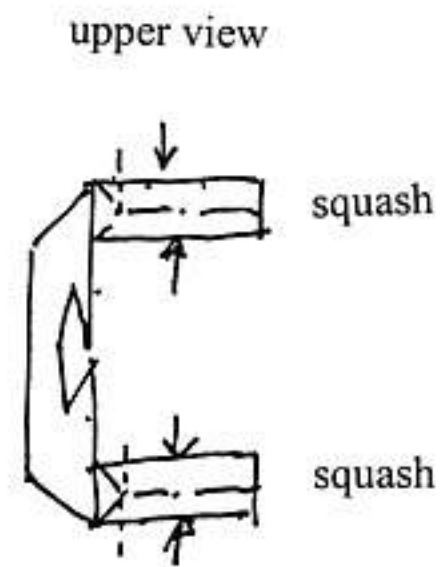
1. Precrease into 1/16ths



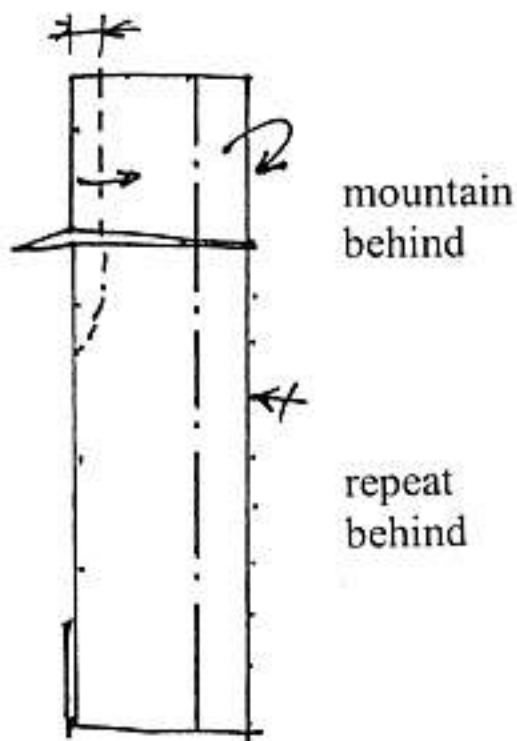
2. collapse.
colored side up
for colored piano.



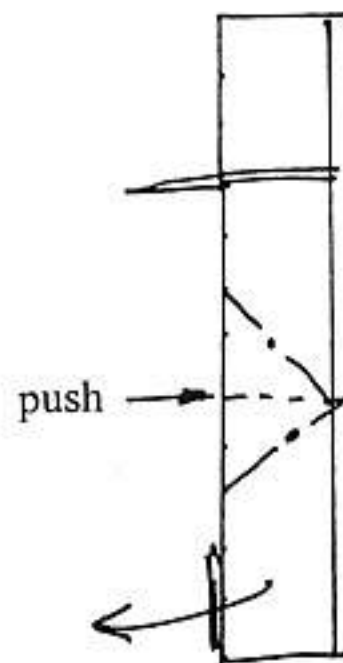
3. model is now 3D



4.

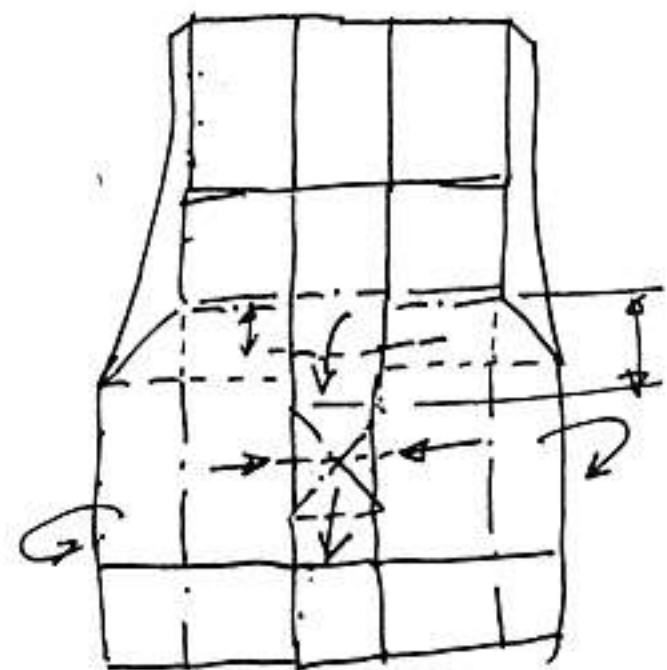


5. side view



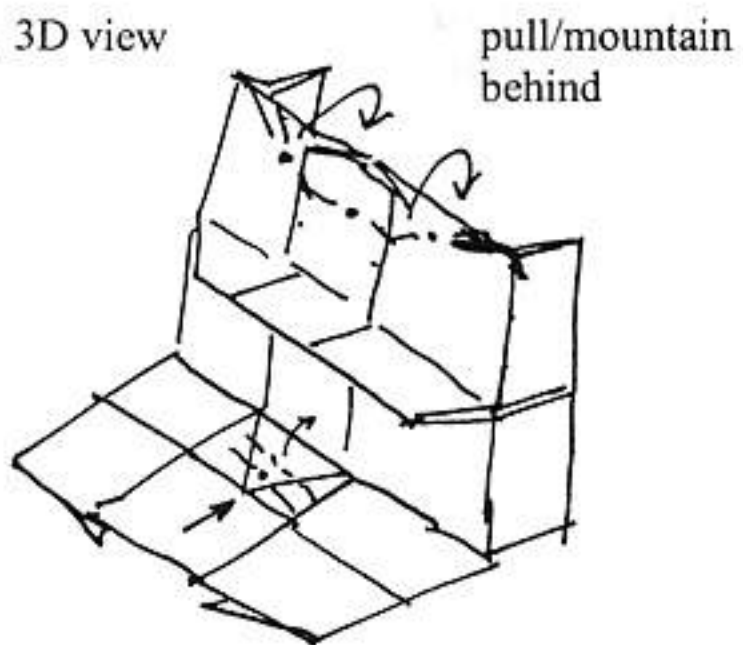
6. side view

7. front view

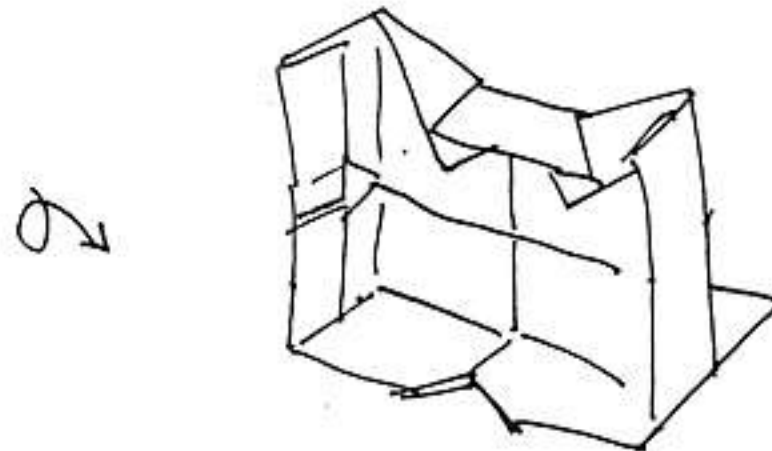


push on the side and
pull a waterbomb down

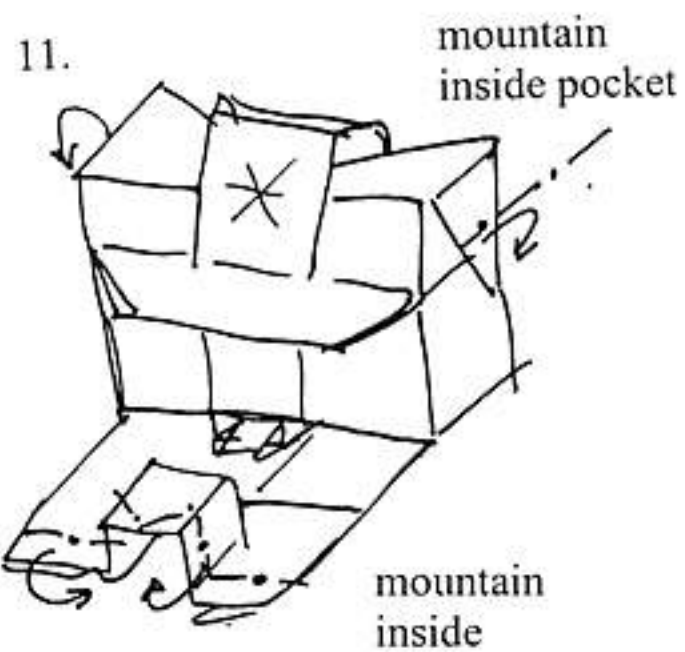
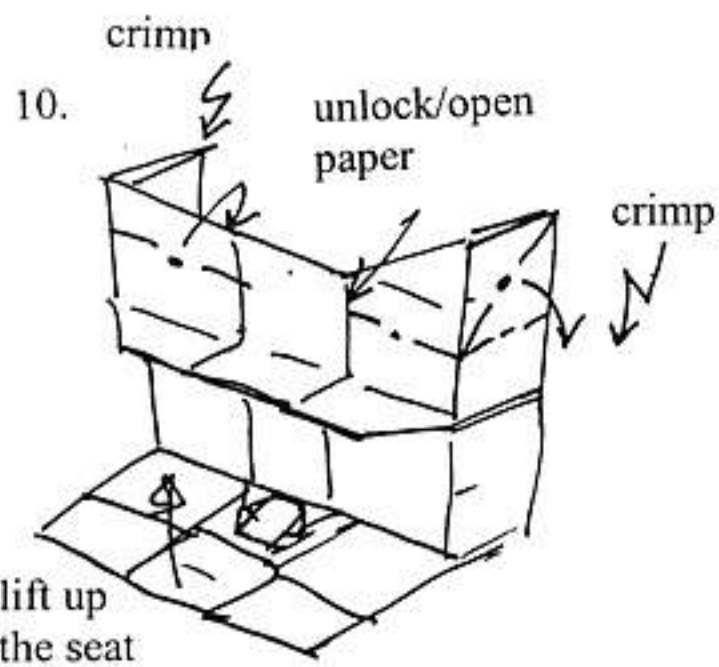
8. 3D view



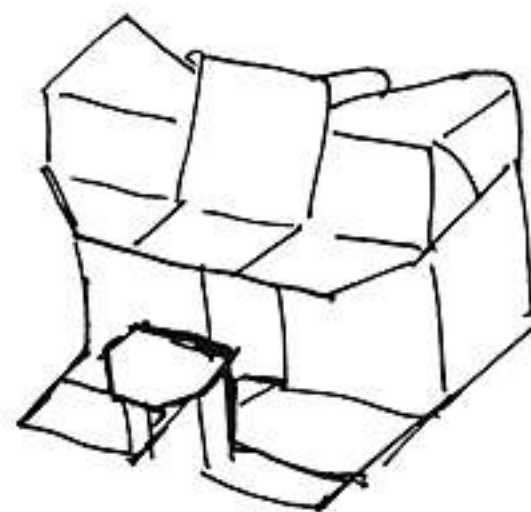
9. back view



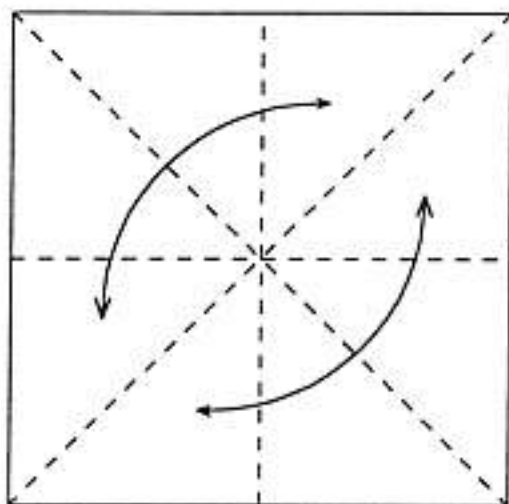
spread squash triangle of the waterbomb



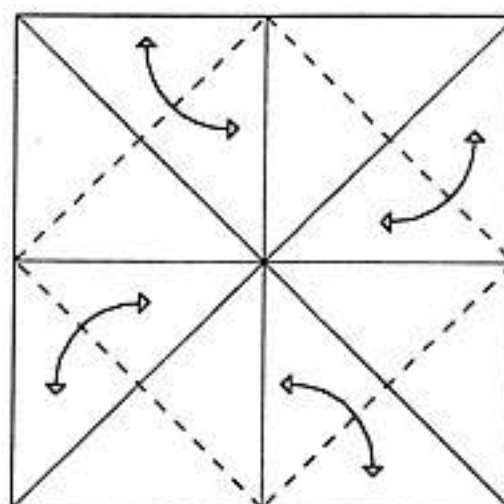
12.



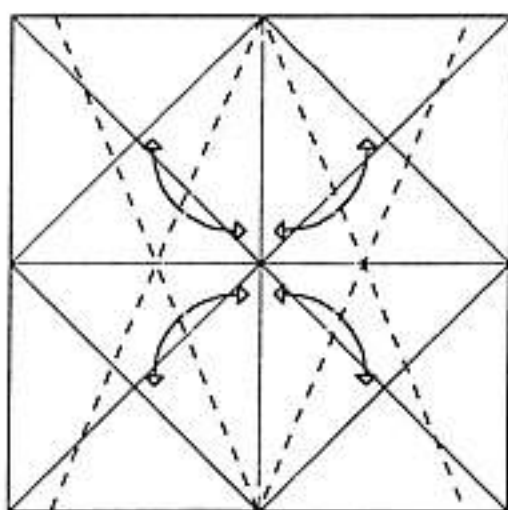
upright piano completed



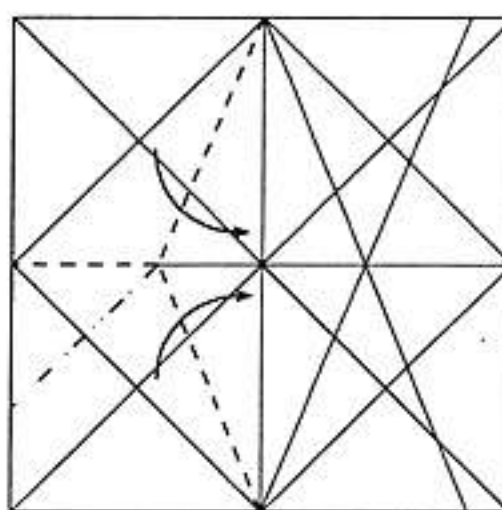
1. With square white side up, fold through diagonals & horizontals. Unfold.



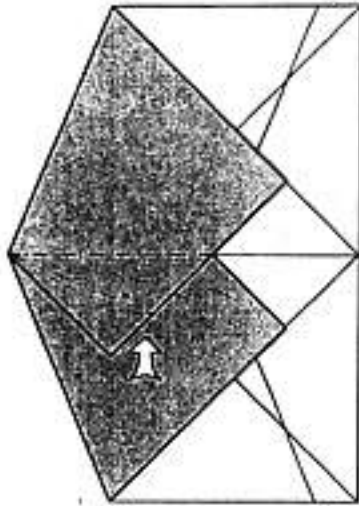
2. Blintz four corners. Unfold.



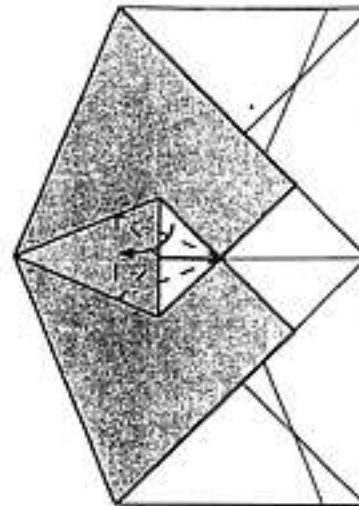
3. Kite fold through angle bisectors. Unfold.



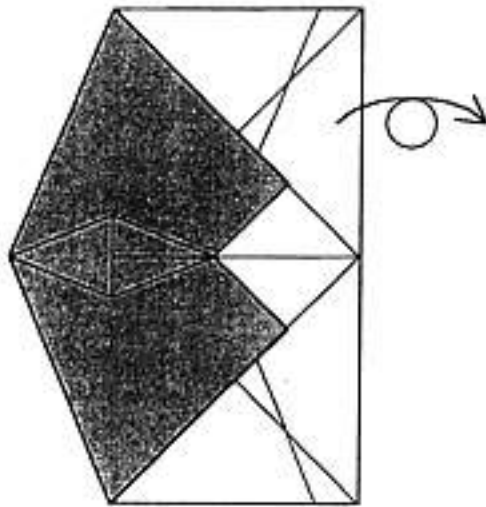
4. Rabbit ear one side through existing creases.



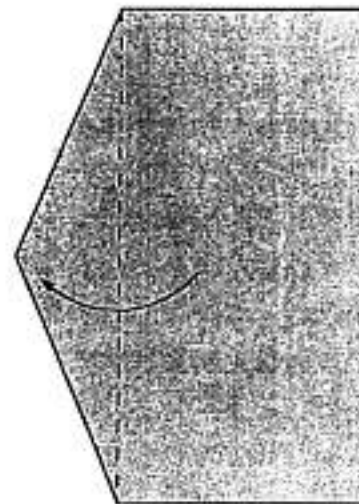
5. Squash fold flap.



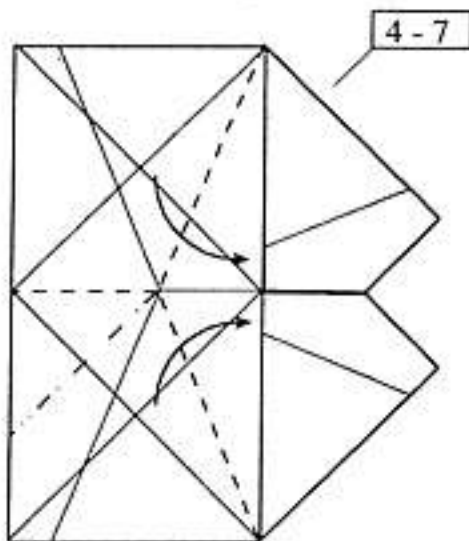
6. Petal fold flap inside of top layer.



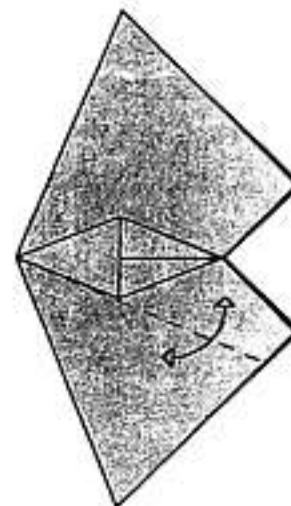
7. Turn model over.



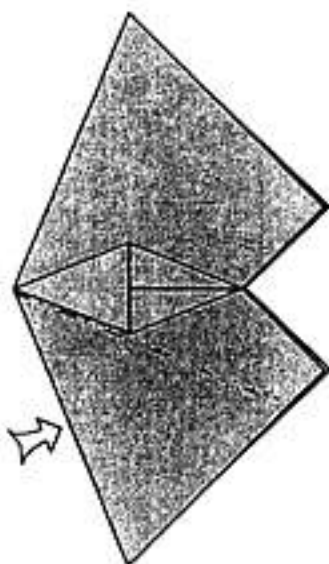
8. Valley fold.



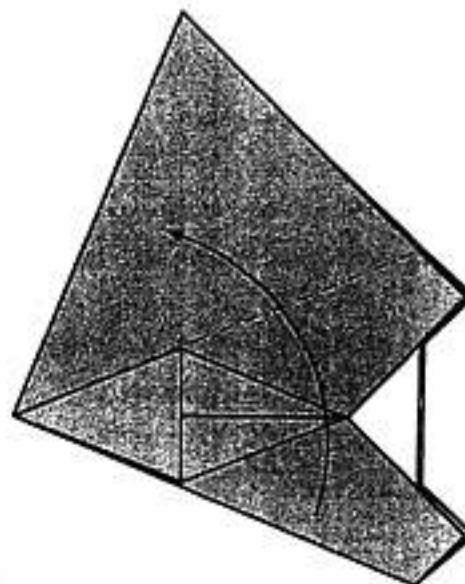
9. Repeat steps 4-7 on this side.



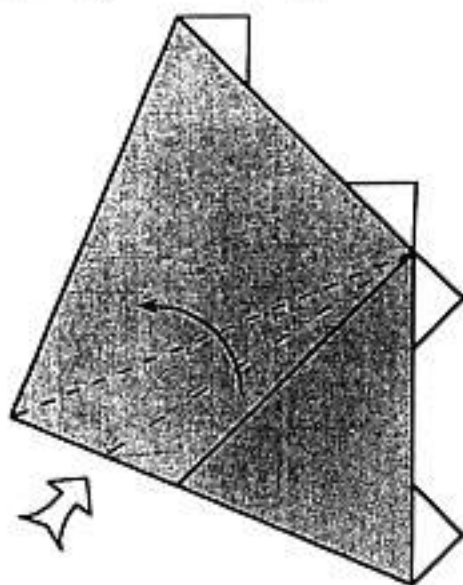
10. Valley fold through all layers.
Unfold.



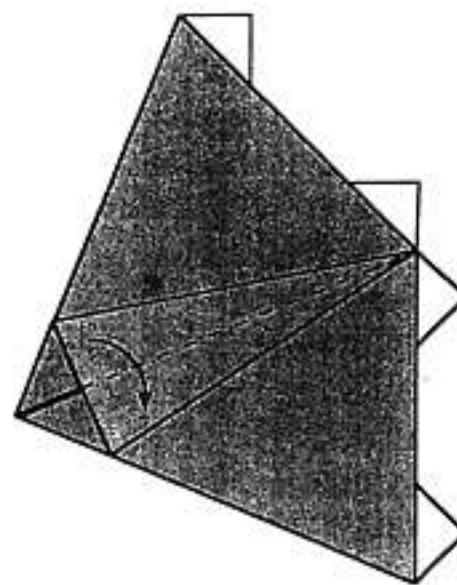
11. Reverse fold front and back sides uniformly through all layers, by opening and collapsing model.



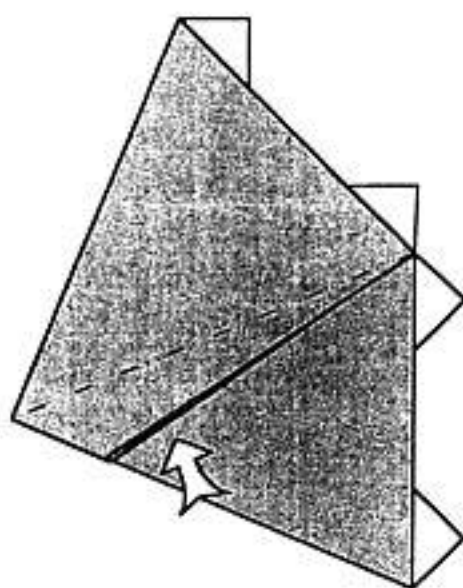
12. Valley fold upper layers.



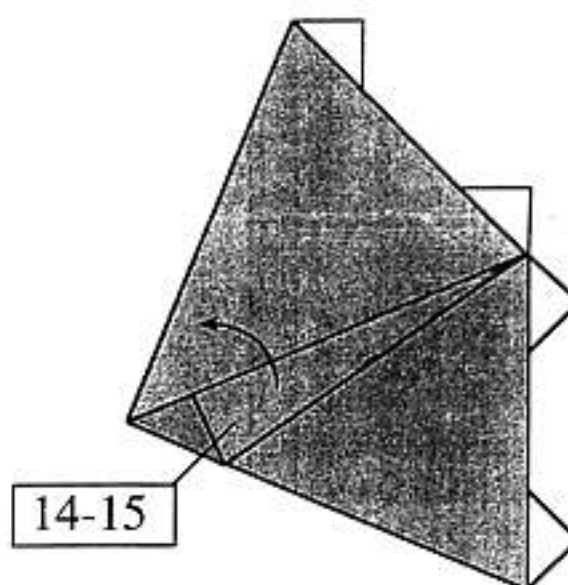
13. Spread sink middle flap.



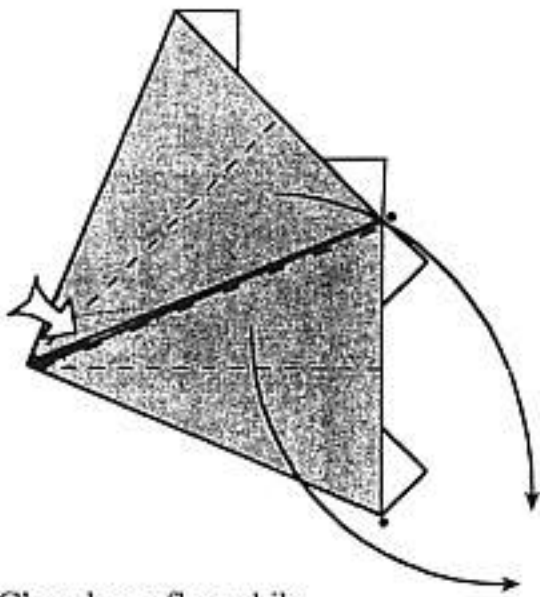
14. Valley fold small middle flap.



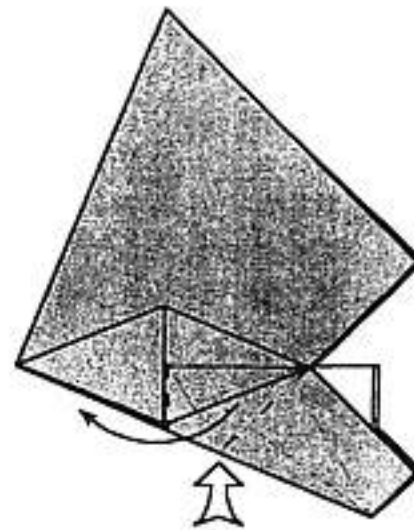
15. Perform a closed sink on middle flap.



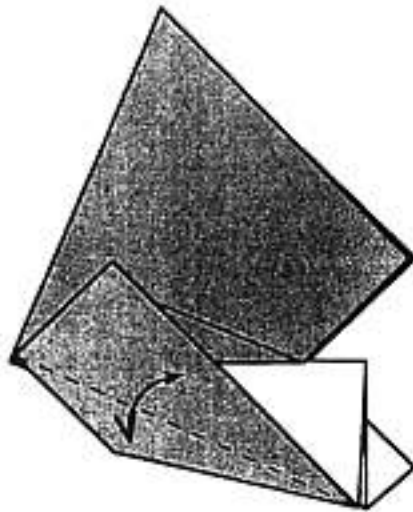
16. Repeat steps 14-15 in mirror symmetry.



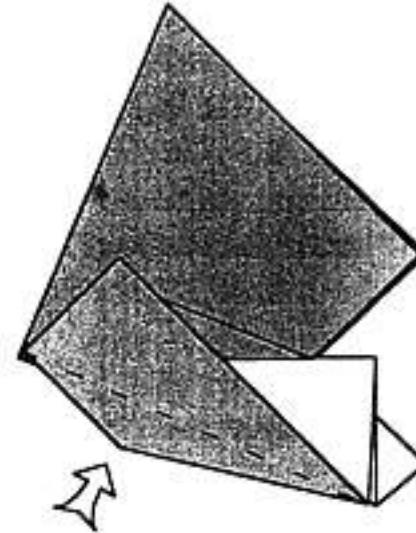
17. Close large flap while incorporating reverse fold shown. A small gusset will form in the interior region. Dots lie together.



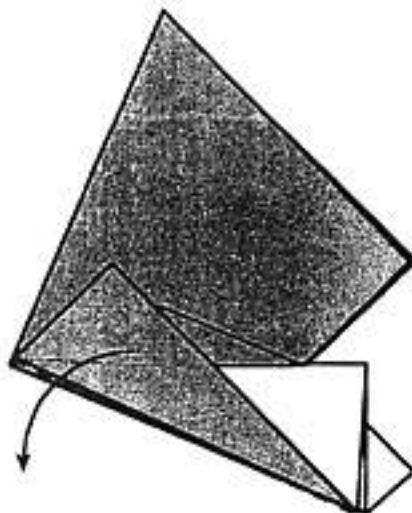
18. Swing flap to left, incorporating squash fold, to form leg assembly. Observe x-ray creases for clarification.



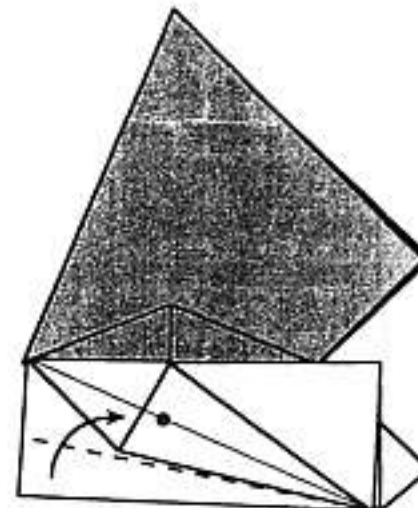
19. Valley fold flap upward. Unfold.



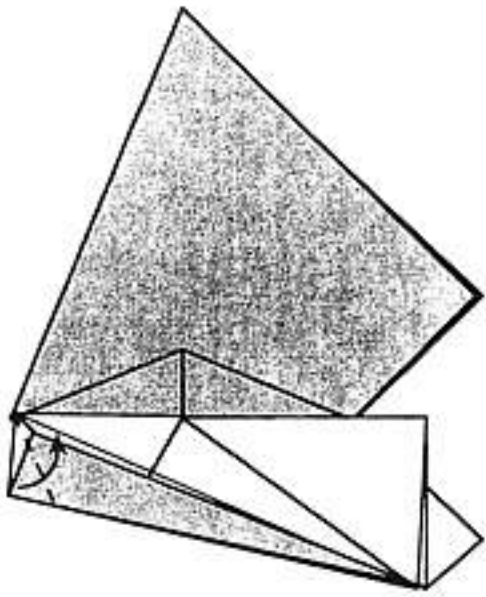
20. Perform a closed sink fold on flap.



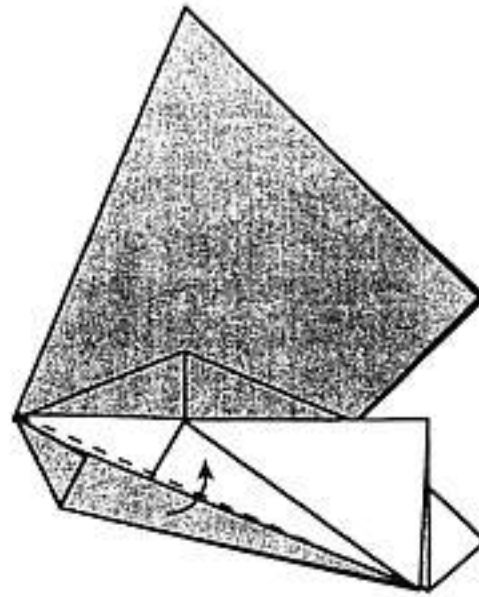
21. Fold two layers down, large and small.



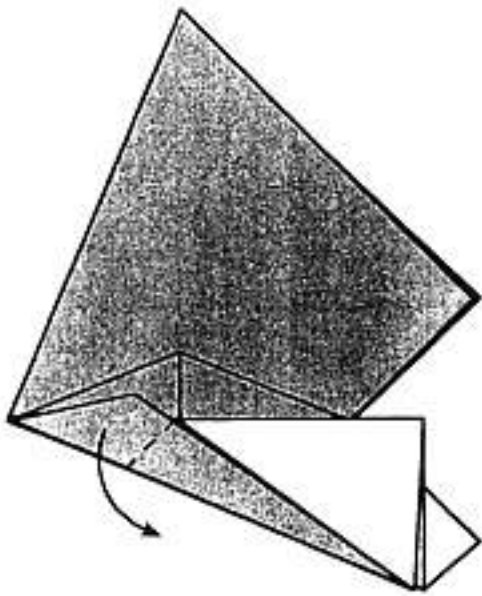
22. Valley fold raw edge to indicated crease.



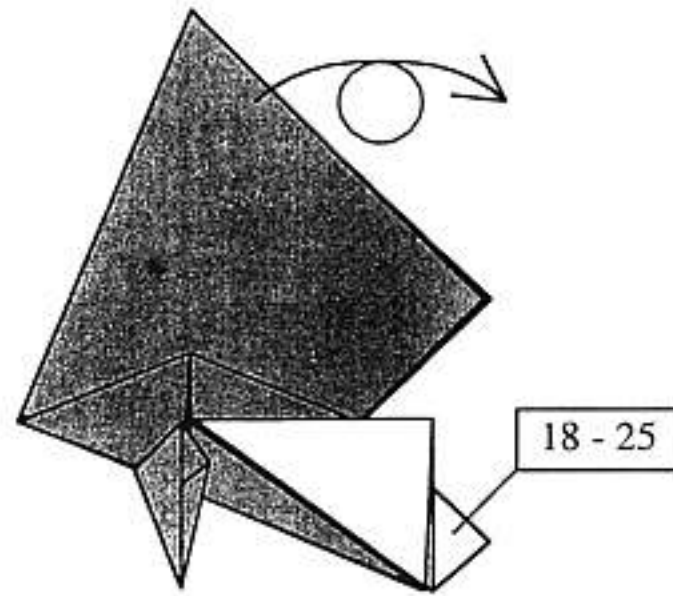
23. Valley fold raw edge to crease.



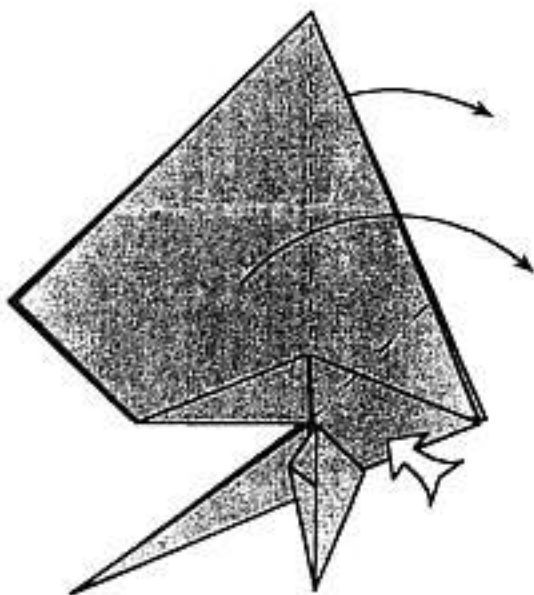
24. Valley fold flap back up.



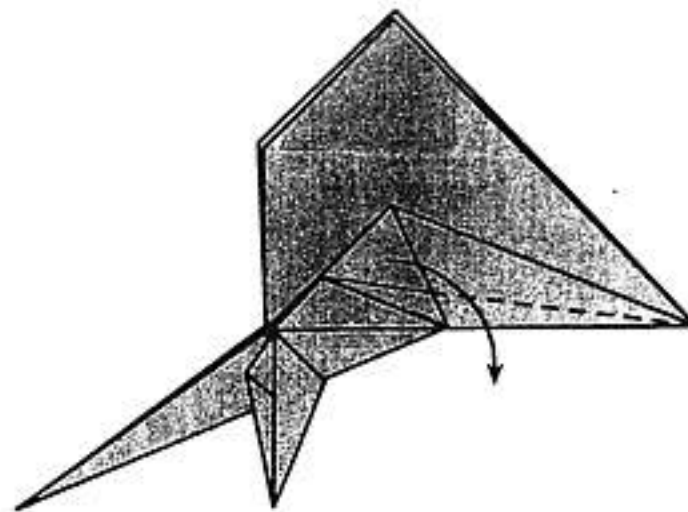
25. Valley fold leg down.



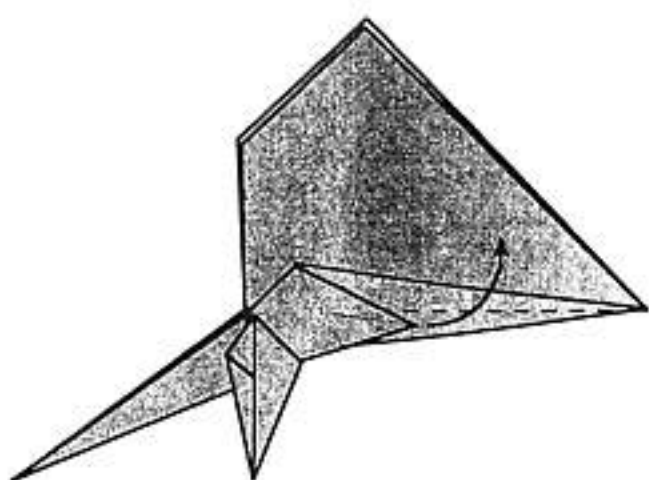
26. Turn model over, then repeat steps 18-25 on other side.



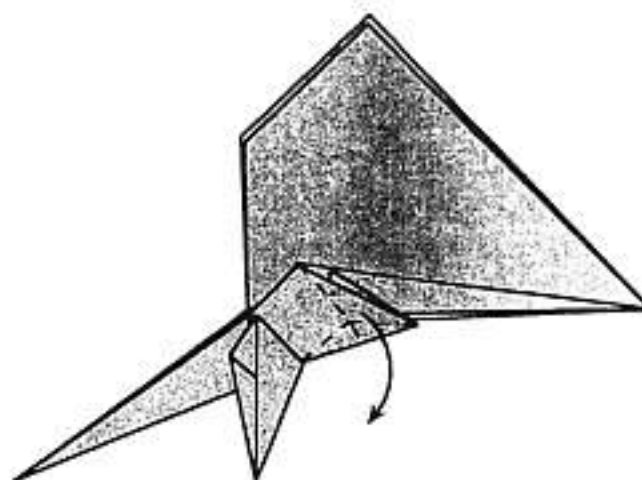
27. Crimp wings to form neck. Spread squash interior layer symmetrically to form chest plate.



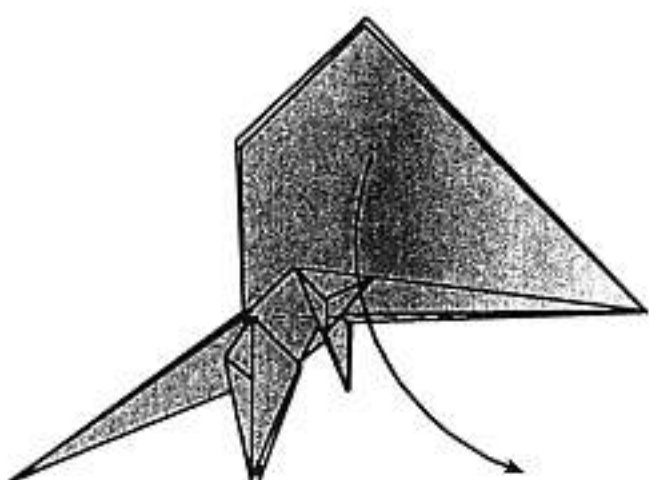
28. Reverse fold to thin neck. Repeat behind.



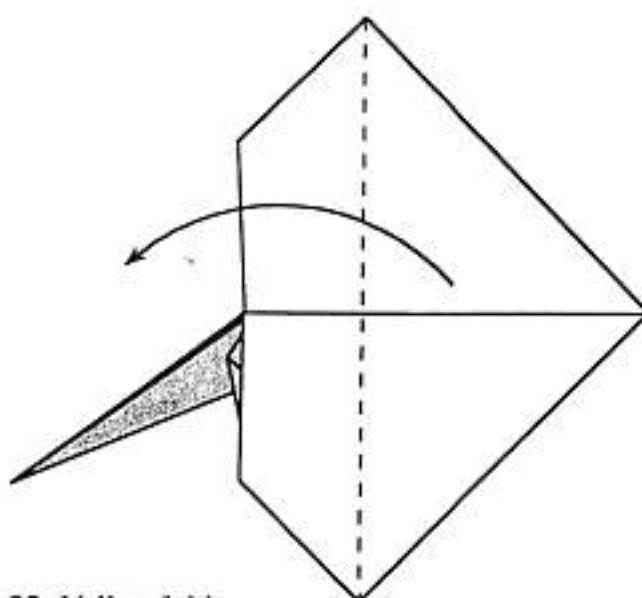
29. Reverse fold again. Repeat behind.



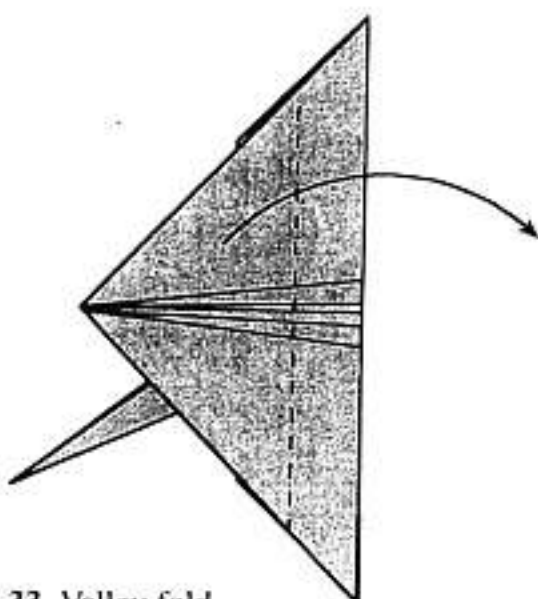
30. Rabbit ear arm, forming gusset in shoulder. Repeat behind.



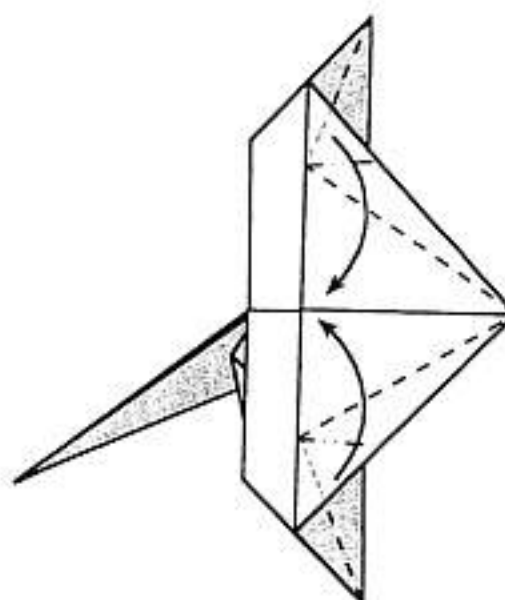
31. Open by folding near wing down.



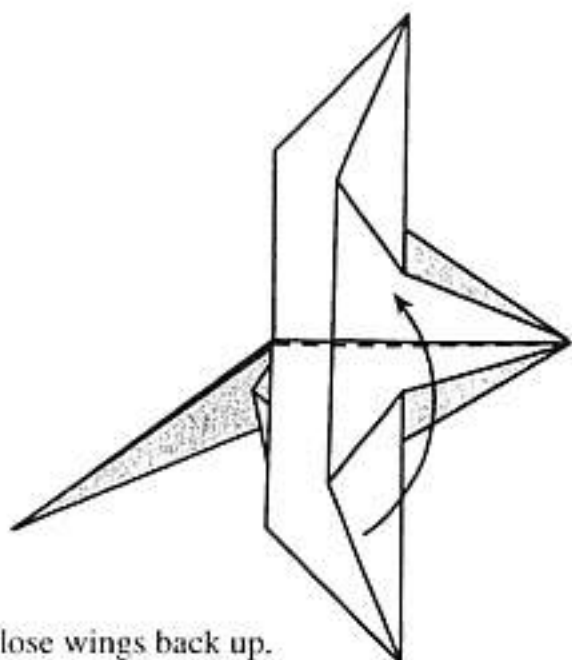
32. Valley fold.



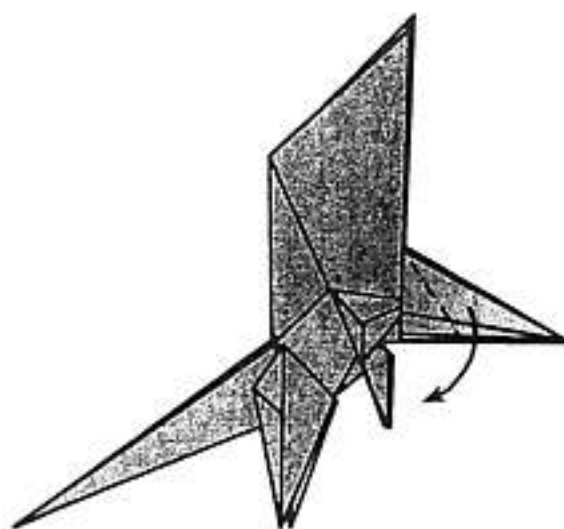
33. Valley fold.



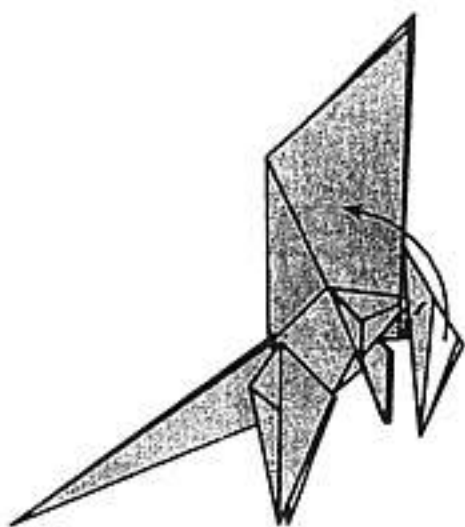
34. Thin neck with swivel folds.



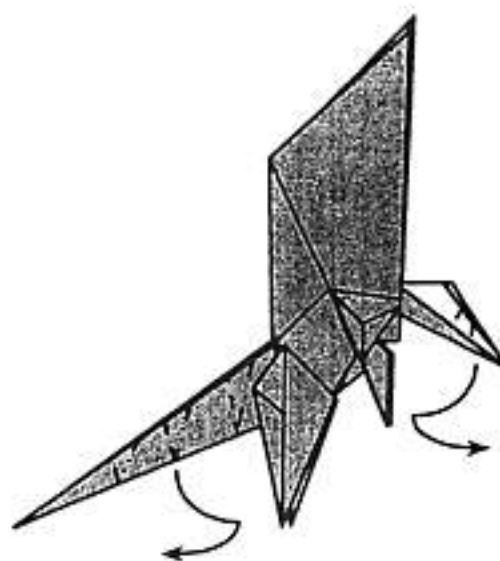
35. Close wings back up.



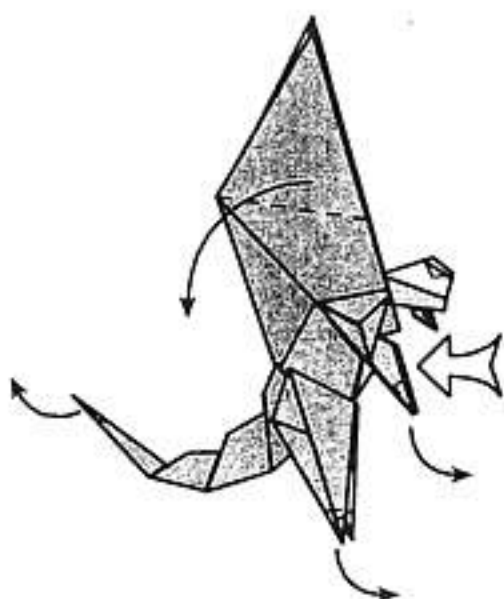
36. Outside reverse fold.



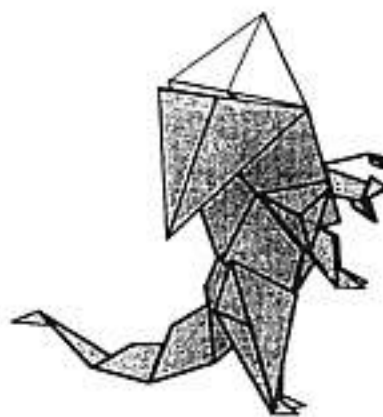
37. Crimp head back and upward between wings.



38. Reverse fold head into jaw. Define tail with reverse folds.



39. Squash tip of tail, hands, and feet. Bend a layer to form eye sockets. Spread chest plate. Shape to taste.



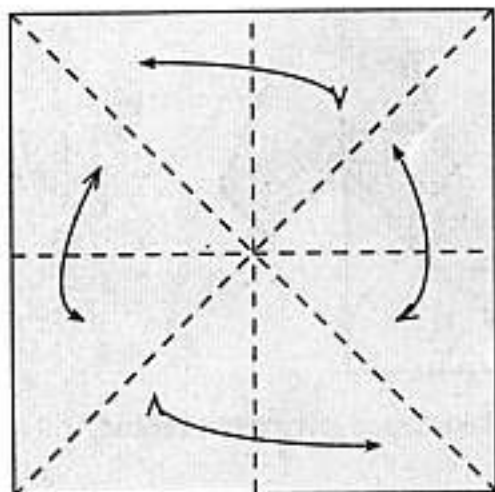
40. Open mouth with valley and enjoy.

RABBIT

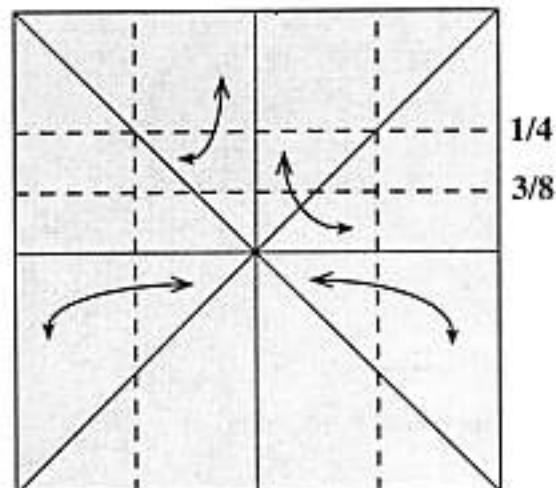
Intermediate

Xander D Arena

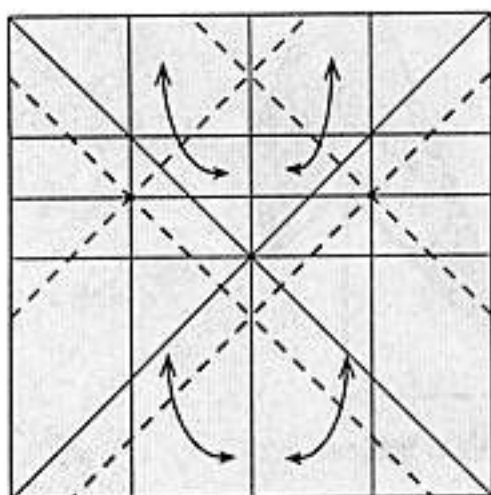
©2003 - Arizona



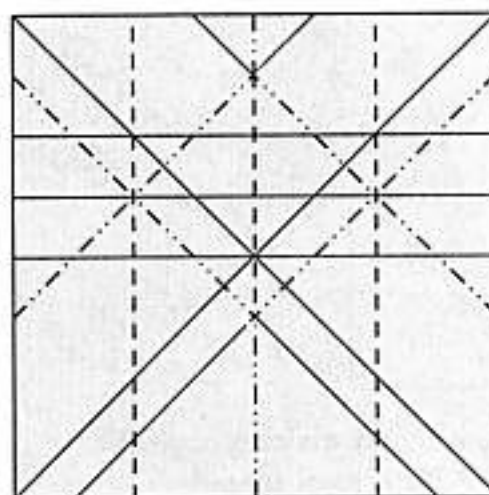
1. With square color side up, fold through diagonals & horizontals.



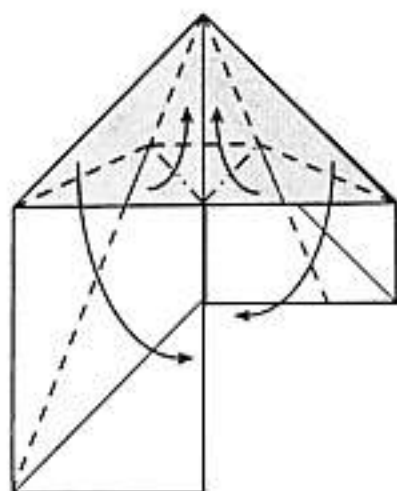
2. Delineate indicated creases and unfold.



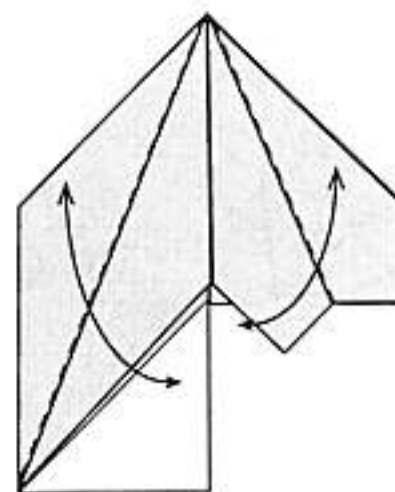
3. Delineate indicated creases and unfold.



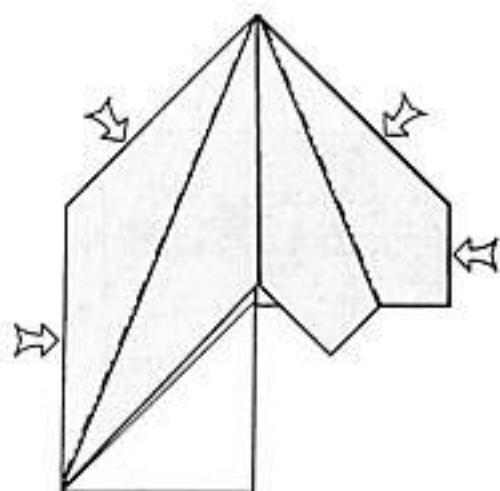
4. Collapse base along indicated creases.



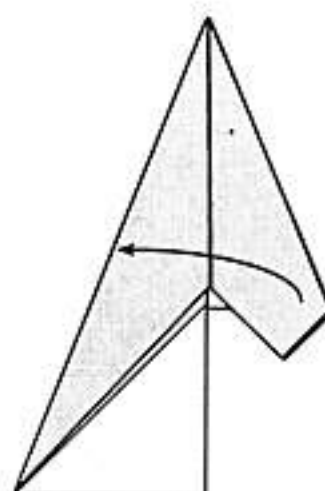
5. Fold sides in while petal folding center upwards. Repeat behind.



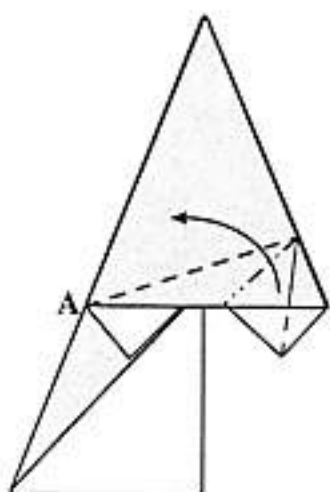
6. Valley folds, then unfold.



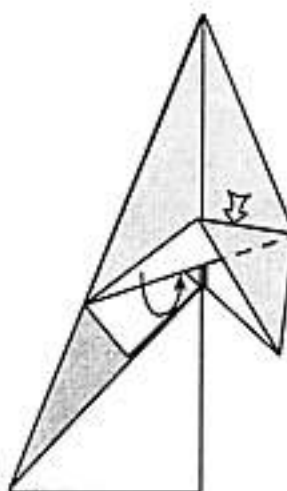
7. Open sink both sides.



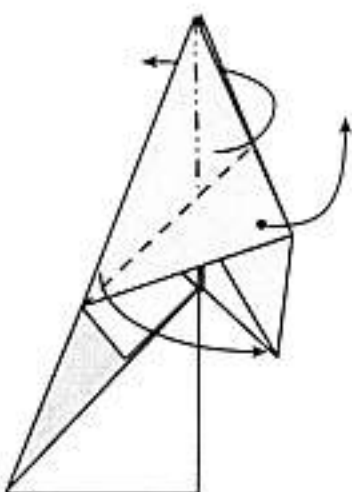
8. Fold flap to left, repeat behind.



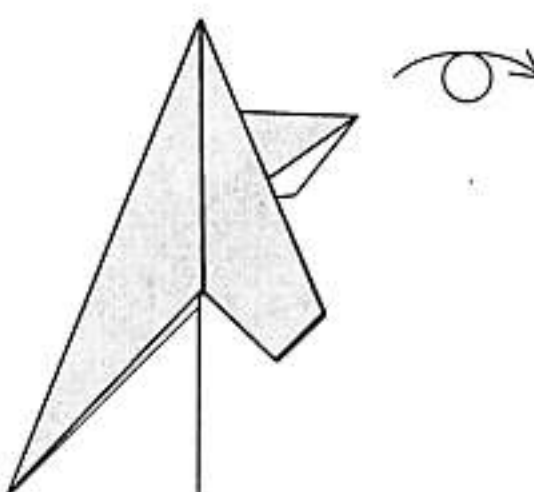
9. Swivel fold, dividing angle A by 1/3, then repeat behind.



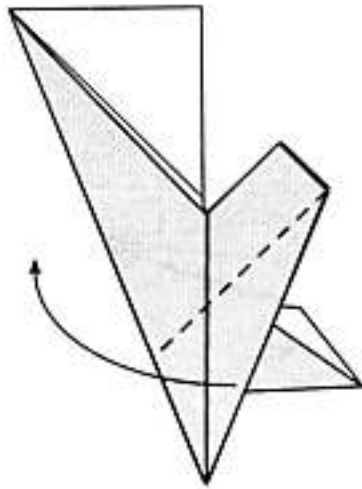
10. Fold behind.



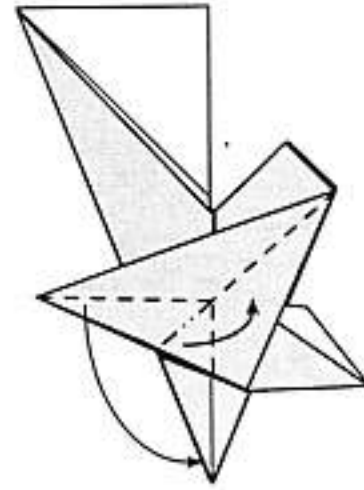
11. Crimp head assembly into body, while swinging ears forward.



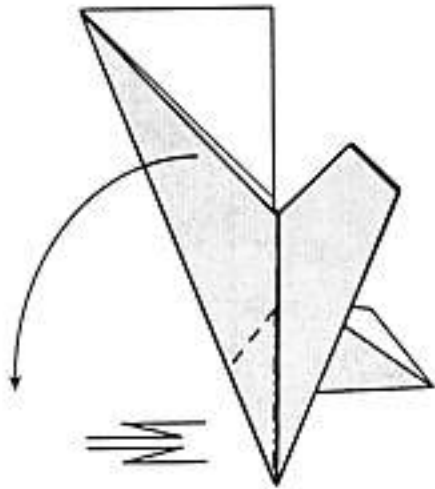
12. Flip model, top to bottom.



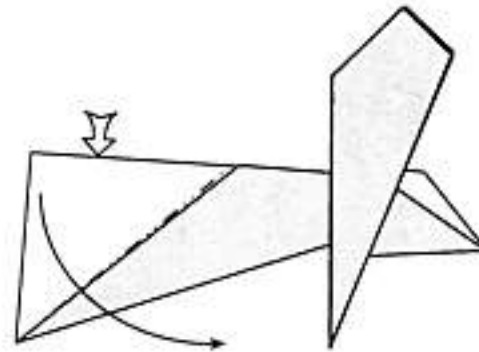
13. Lift leg assembly backward.



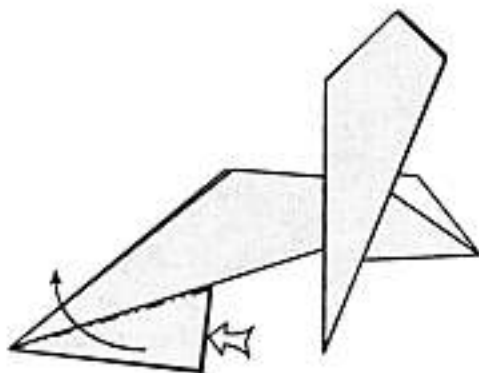
14. Close leg with indicated creases.



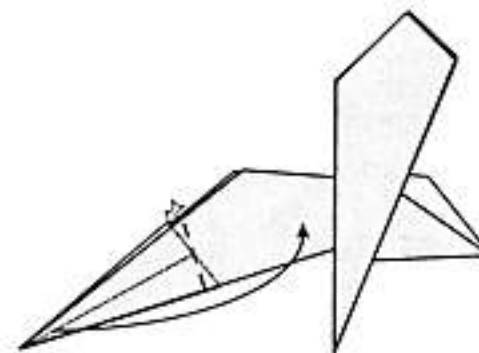
15. Swing hind leg assembly downward with an interior crimp.



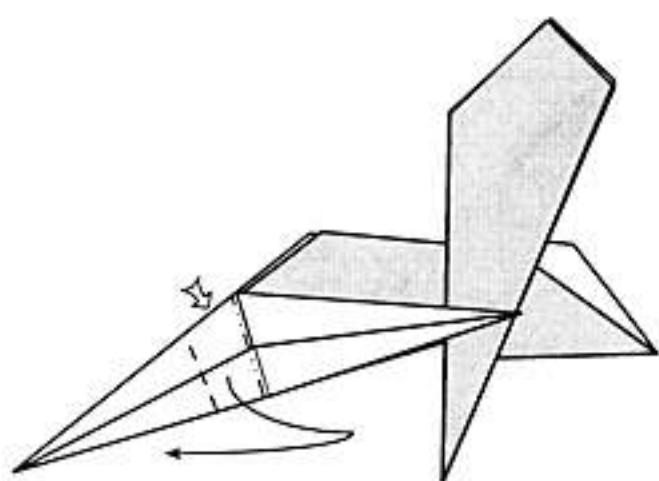
16. Reverse fold hind leg, and repeat behind.



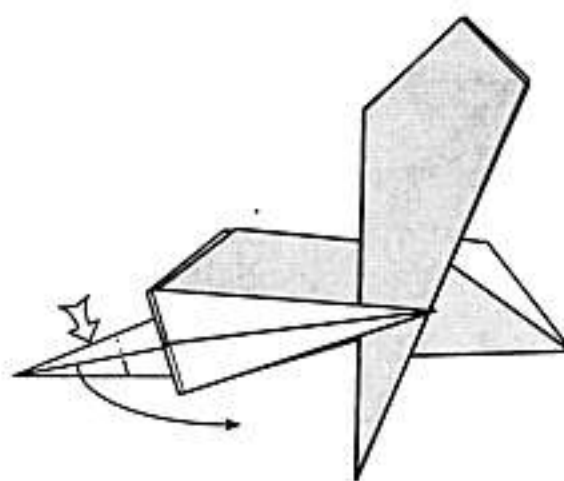
17. Reverse fold again, and repeat behind.



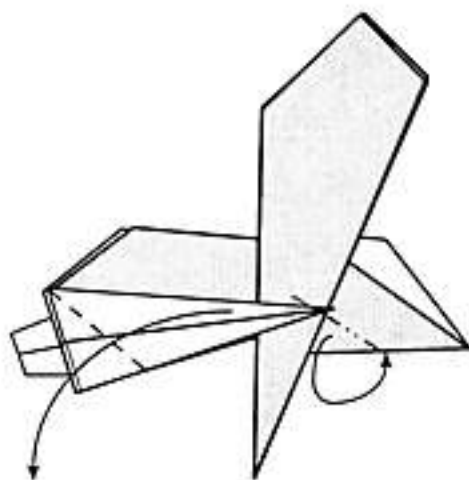
18. Fold leg to right, while performing one more reverse fold. Repeat behind.



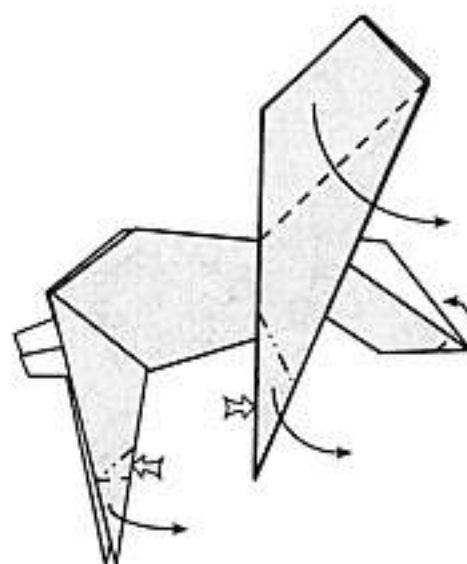
19. Reverse fold tail in and out.



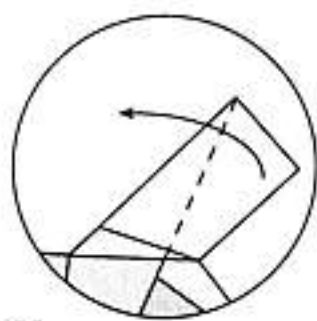
20. Repeat one more time on the tail.



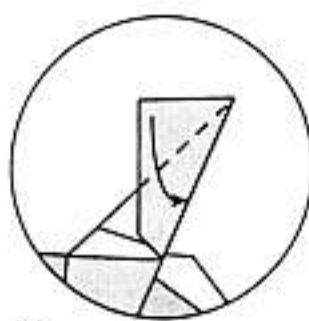
21. Valley or outside reverse leg and mountain face. Repeat behind.



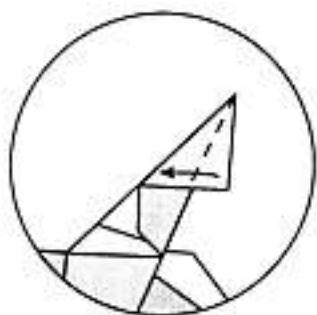
22. Crimp hind legs, outside reverse nose, reverse forelegs, and valley fold each ear.



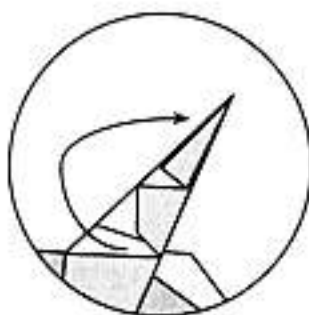
23.



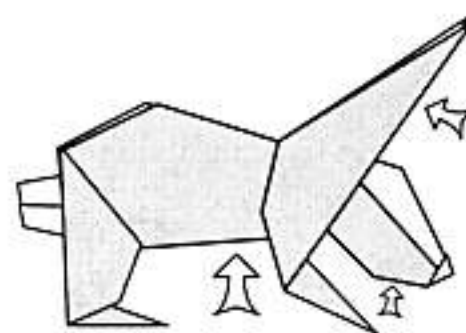
24.



25.



26. Tuck loose paper inside



27. Round ears, head, and fatten to taste.

BAGGI BOX CUBE

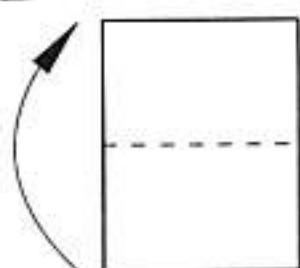
Simple

Giuseppi Baggi

©2005 - California

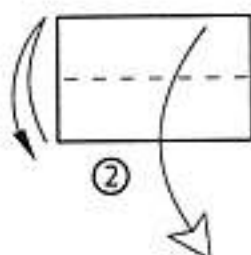


Modification of Giuseppi Baggi's Box to make a cube. The original Baggi Box is rectangular with a double-thickness slanted edge on the inside and outside of two opposite walls. The other two walls are smooth. If a second box is used as a cover for the first box, the inside slanted edges of the cover can catch against the outside slanted edges of the first box, making it difficult to remove the cover. Making the box a cube allows the cover to be rotated 90 degrees and still fit the box, with the slanted edges of each rubbing against a smooth wall of the other. Modification by Bennett Arnstein.

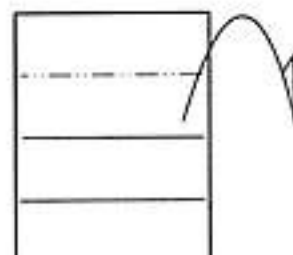


①

Start with a letter-size sheet, long side vertical.

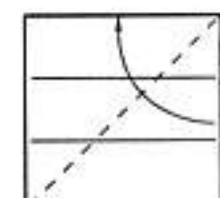


②

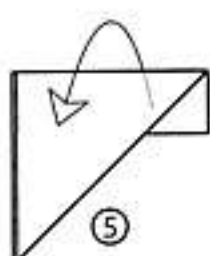


③

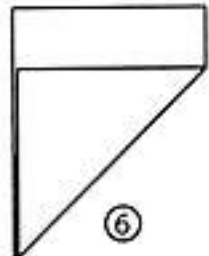
Or you could fold the existing valley crease and then turn over.



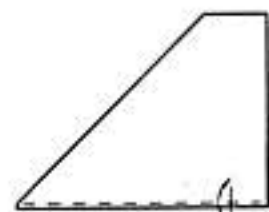
④



⑤

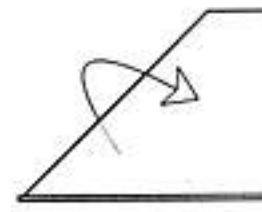


⑥

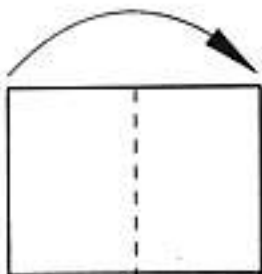


⑦

Make a crease on the top layer that lines up with the edge on the bottom layer.

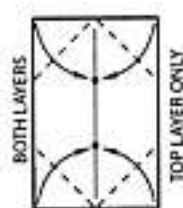


⑧

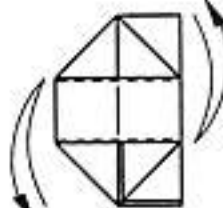


⑨

Fold in half along existing crease.



⑩

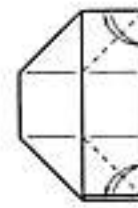


⑪

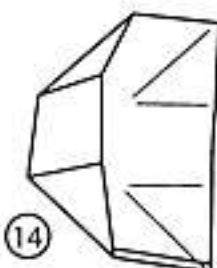


⑫

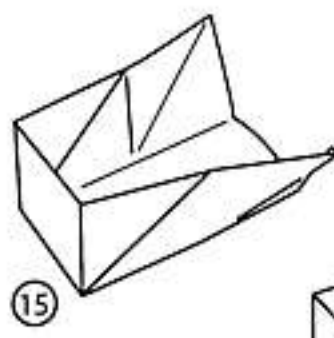
Top layer only.



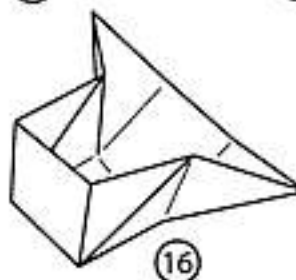
⑬



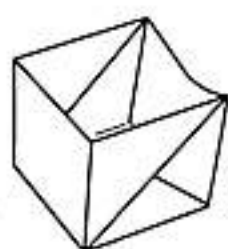
⑭



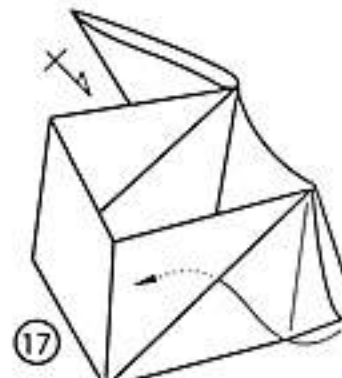
⑮



⑯



⑰



⑱

Make the cover the same size as the box.

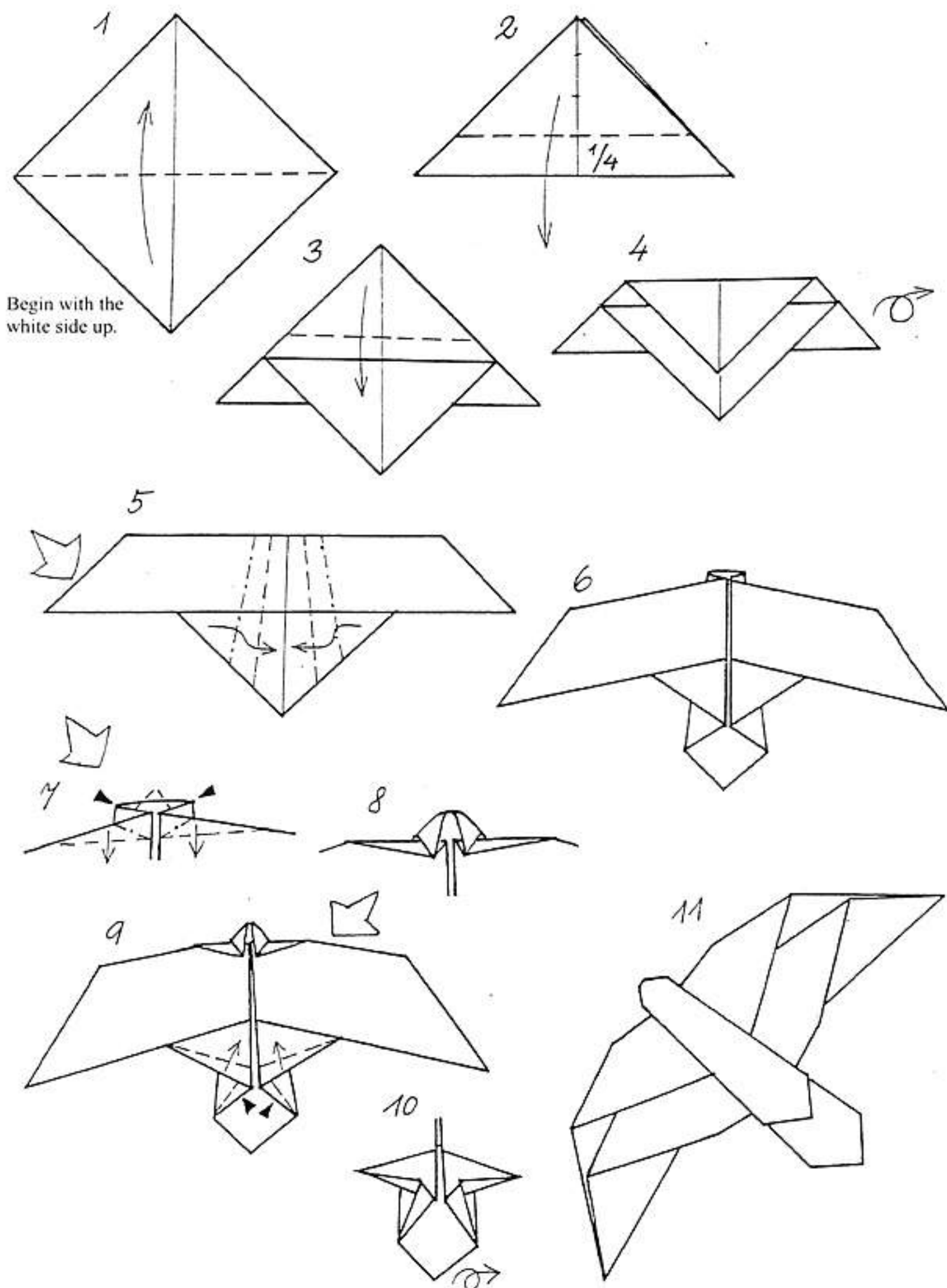
Diagrams by Bennett Arnstein

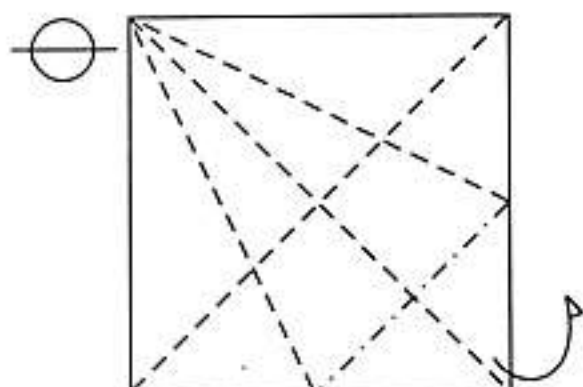
FLYING BIRD OF PREY

Low Intermediate

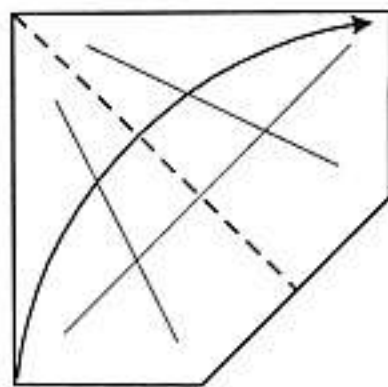
Milada Blahova

©2000 - Czech Republic

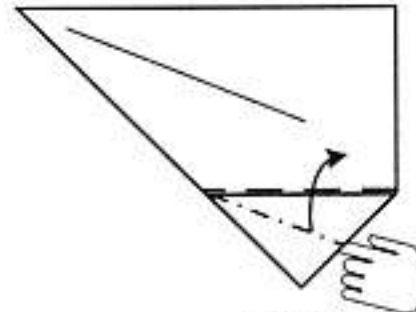




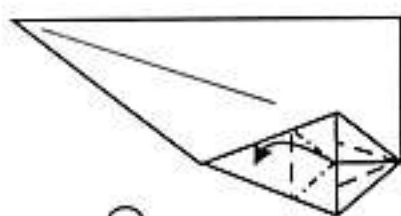
① Marquer les plis, plier derrière.



② Plier.



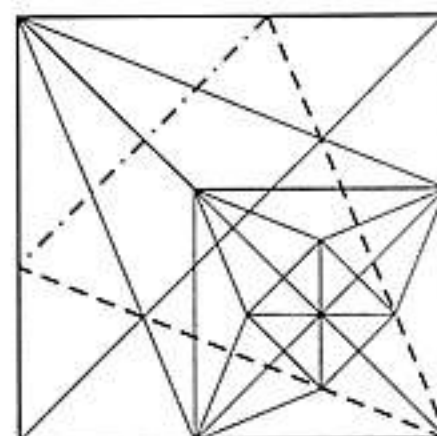
③ Pli aplati.



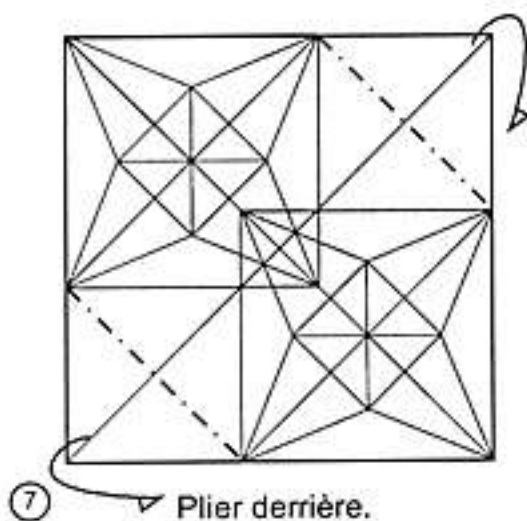
④ Pli pétale.



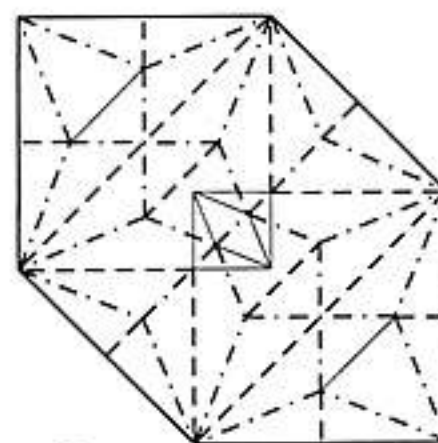
⑤ Déplier complètement.



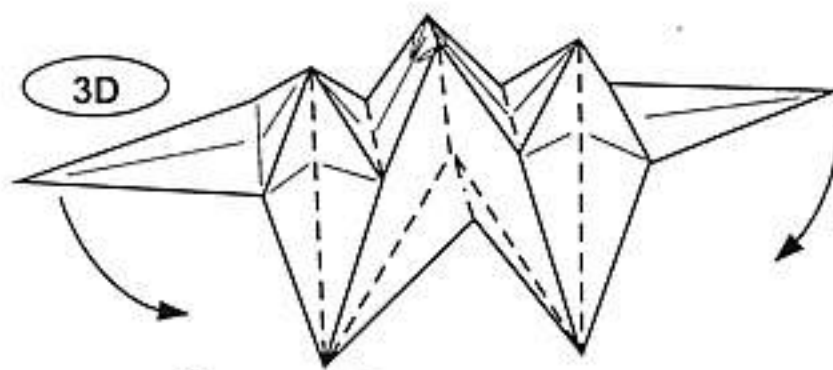
⑥ Répéter les étapes ① à ⑤ symétriquement.



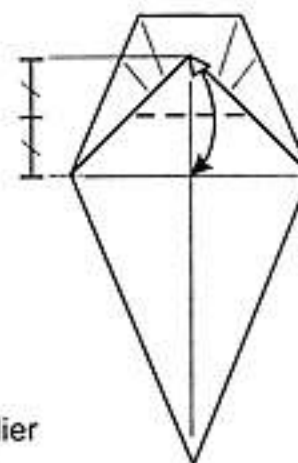
⑦ Plier derrière.



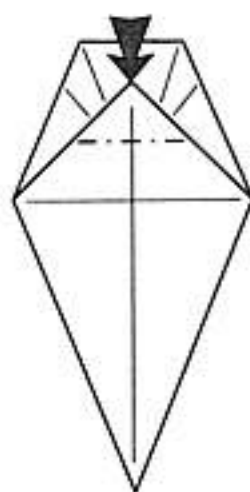
⑧ Plier...



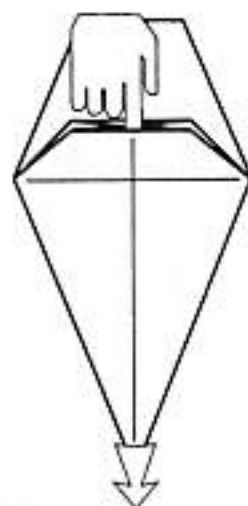
⑨ Etape intermédiaire.



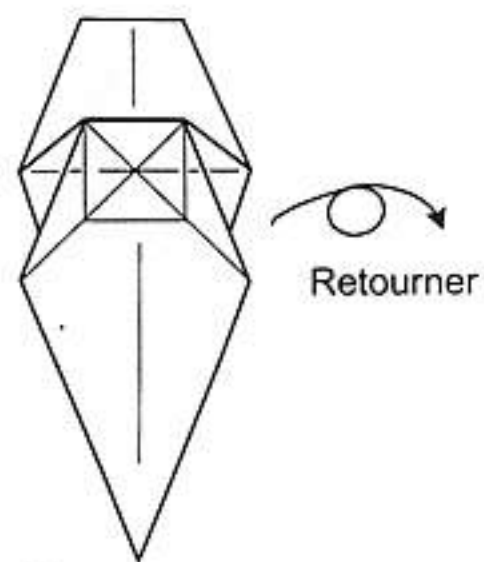
⑩ Plier, déplier



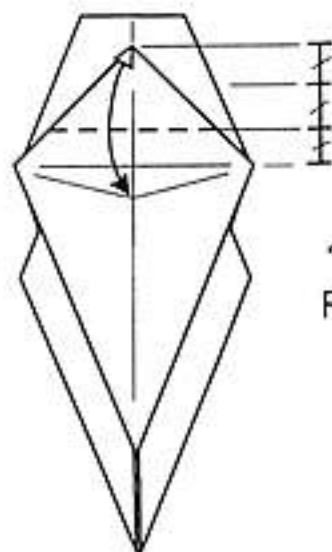
11 Sink



12 Pli étiré

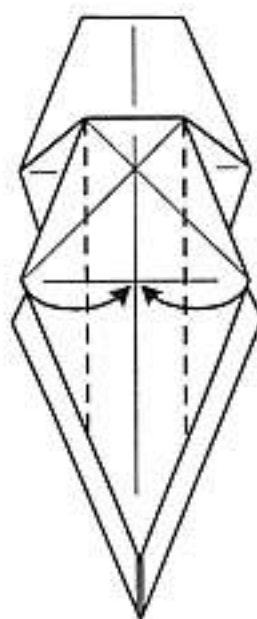


13

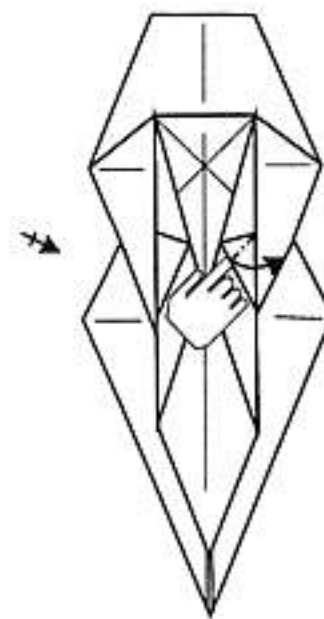


14 Plier, déplier, répéter les étapes 11 et 12

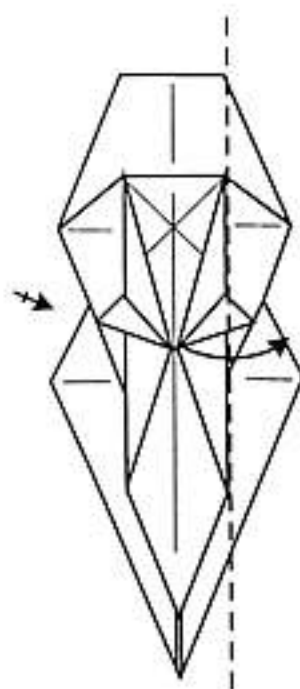
Retourner



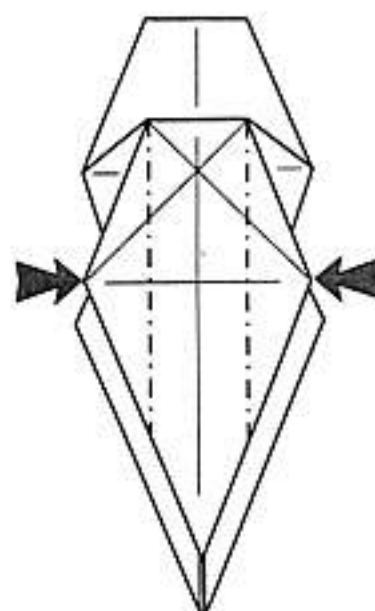
15 Plis vallées.



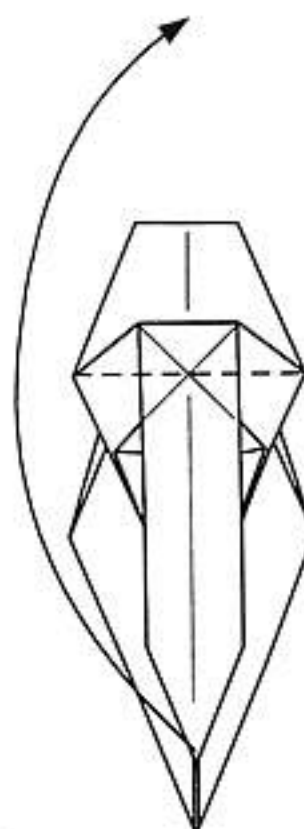
16 Pivoter vers l'extérieur.



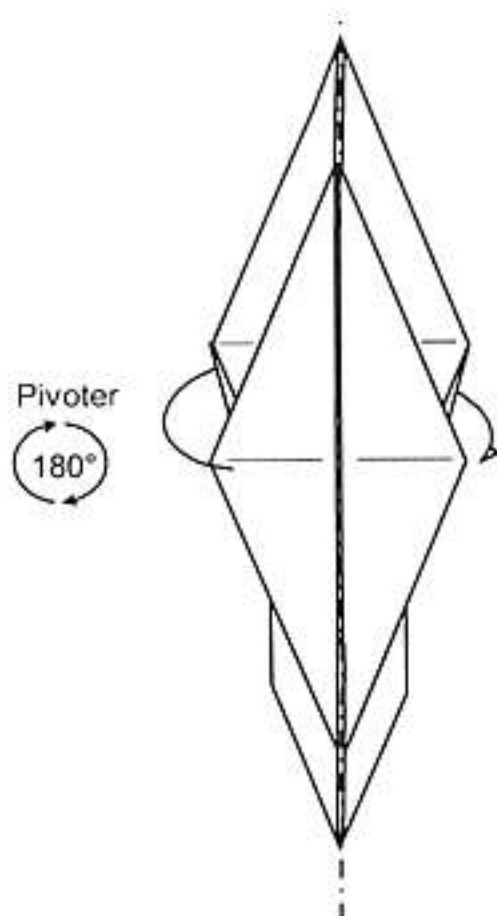
17 Plis vallées.



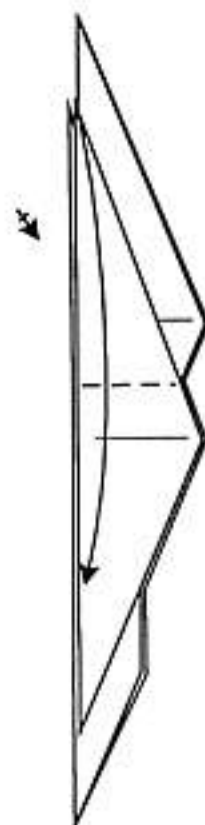
18 Closed Sink.



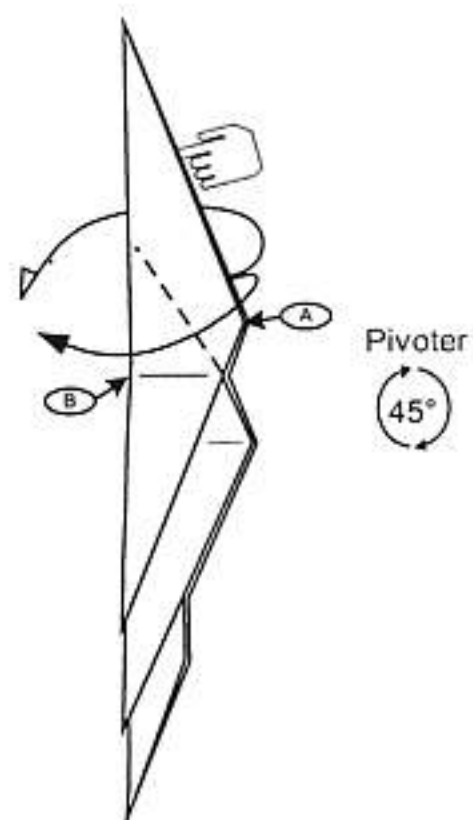
19 Pli vallée.



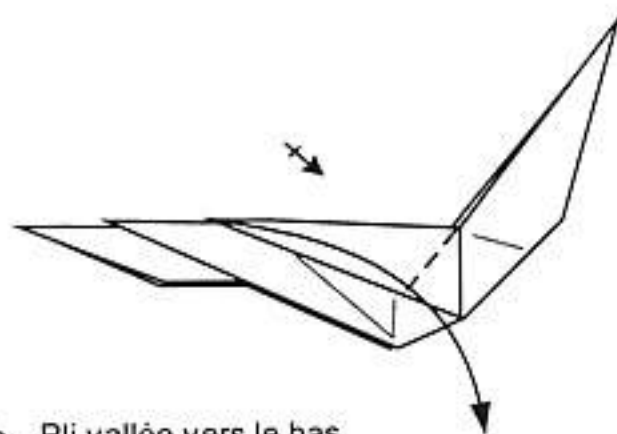
20 Plier en deux.



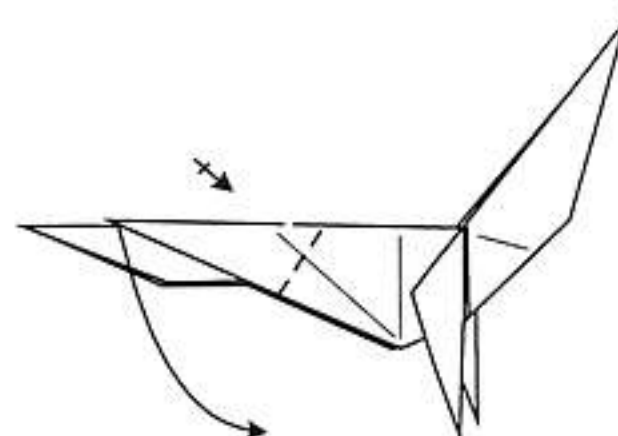
21 Plier vers le bas les pattes avant.



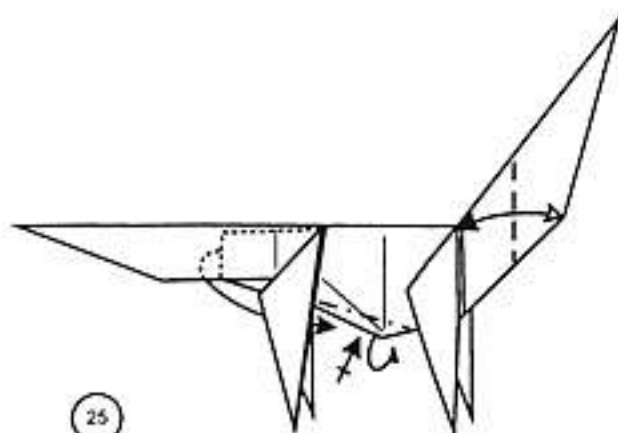
22 Pli inversé extérieur pour joindre A vers B.



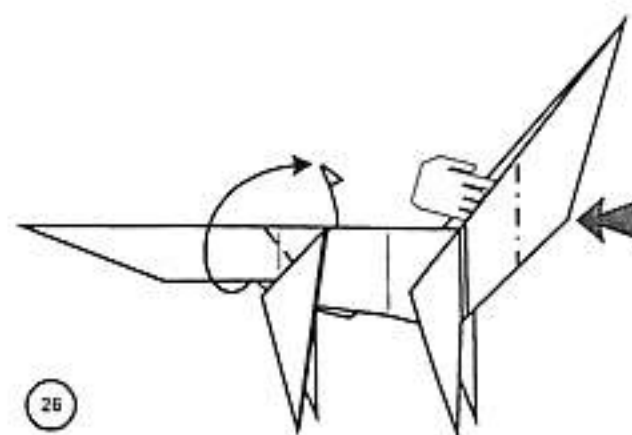
23 Pli vallée vers le bas pour les pattes avant.



24 Pli vallée vers le bas pour les pattes arrières.

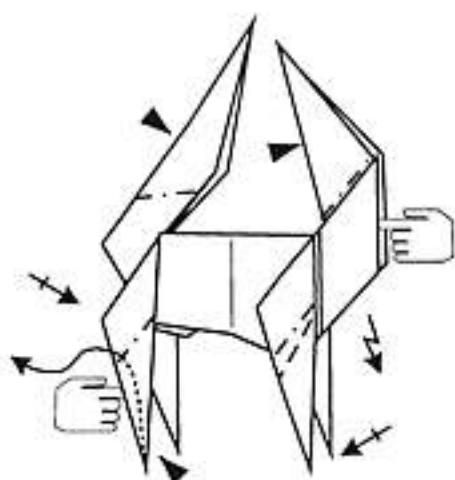


25 Rentrer le ventre, pli inversé intérieur pour le sexe du chien, marquer un pli pour la tête.

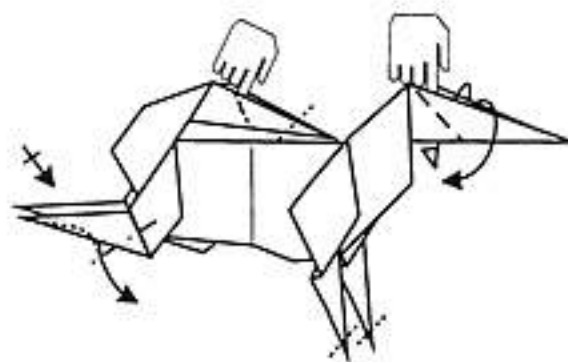


26 Pli inversé extérieur pour la queue.

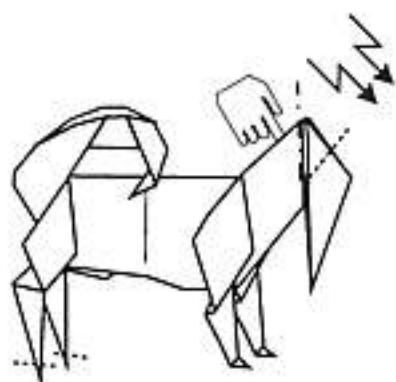
Sink pour la tête.



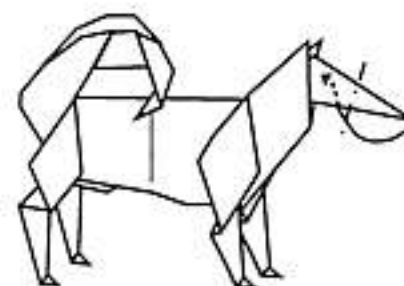
- 27 Plis inversés intérieurs pour la queue, la tête et les pattes arrières, pli zig-zag pour les pattes avants.



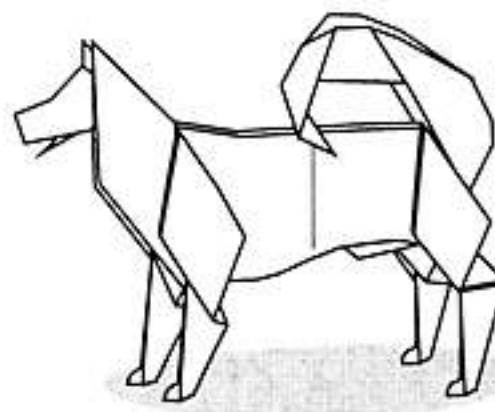
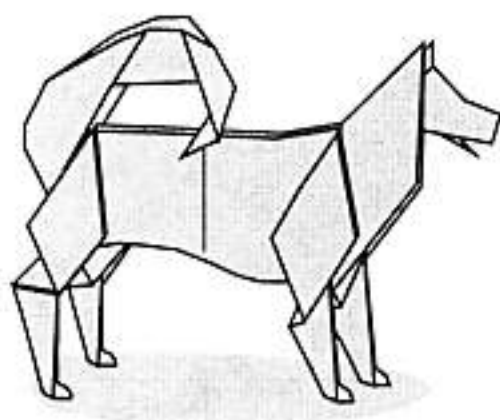
- 28 Plis inversés intérieurs pour les pattes arrières, plis inversés extérieurs pour la tête et la queue, repli pour les pattes avants.



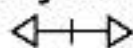
- 29 Pli zig-zag pour la tête, repli pour les pattes arrières.



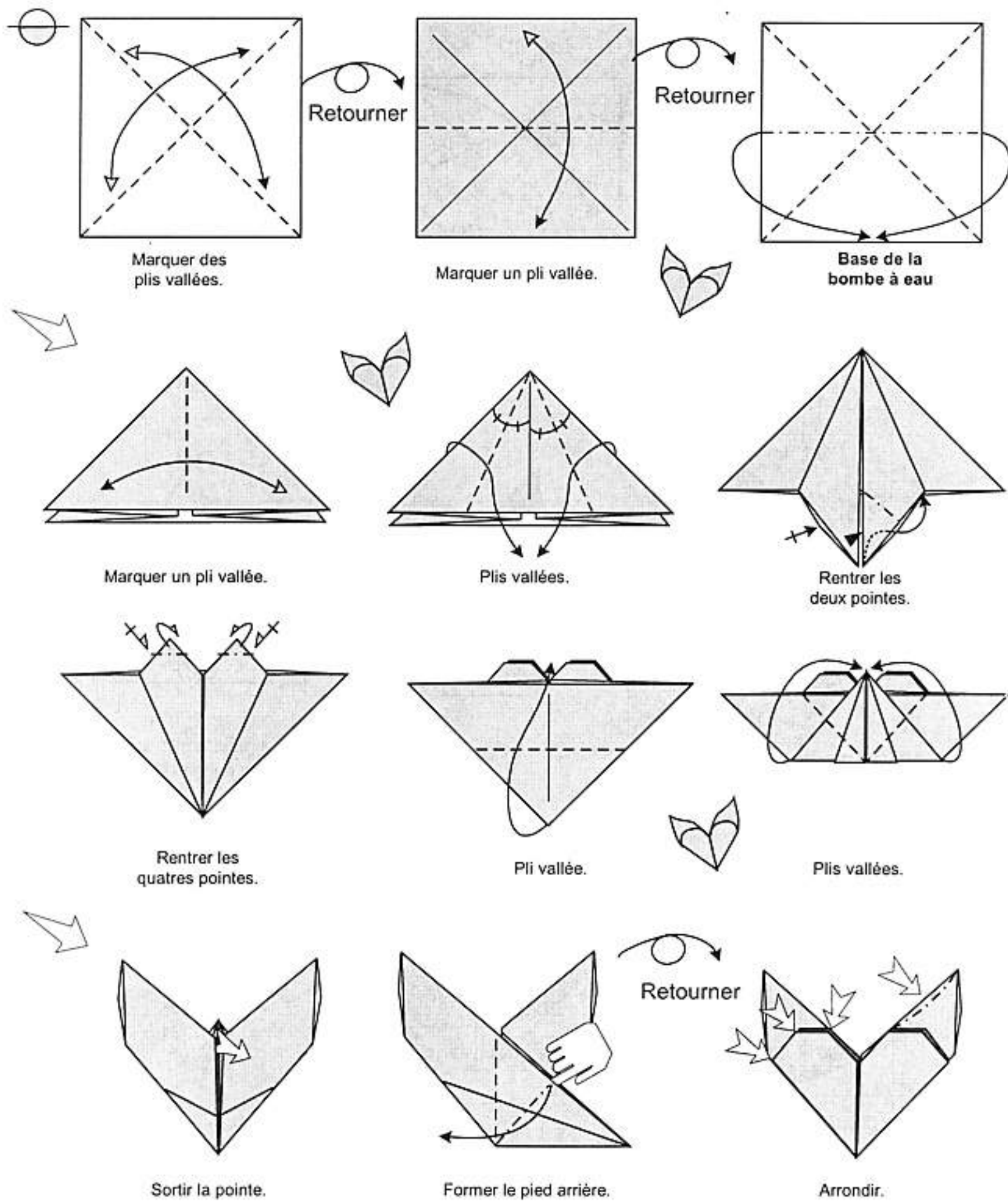
- 30 Rentrer.

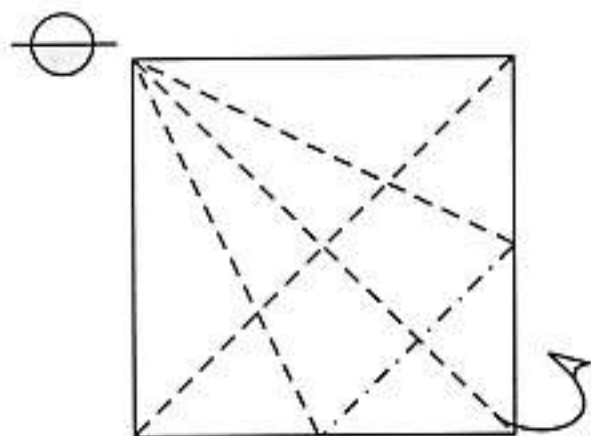


- 31 Le Husky est terminé !

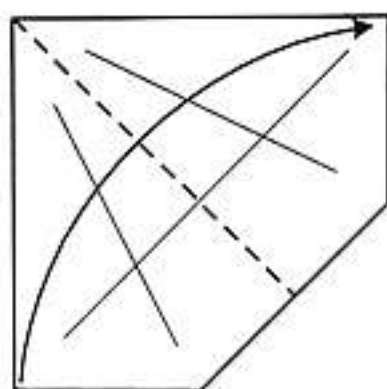


Infos:
Format de départ 21x21cm
Modèle terminé 4x7.5cm

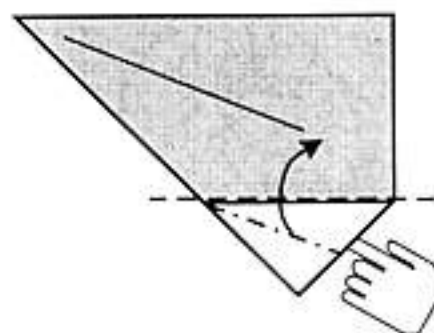




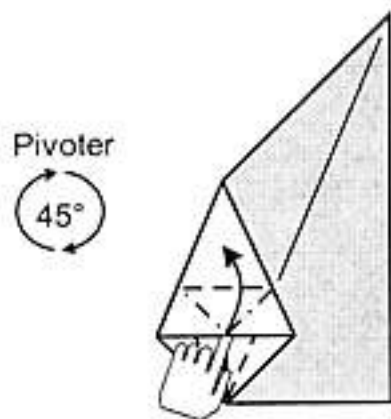
1 Marquer les plis,
plier derrière.



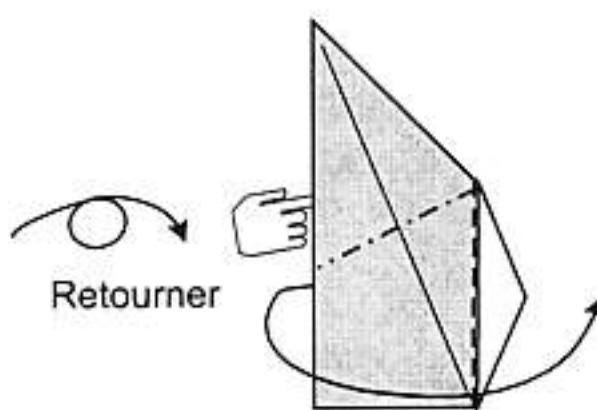
2 Pli vallée.



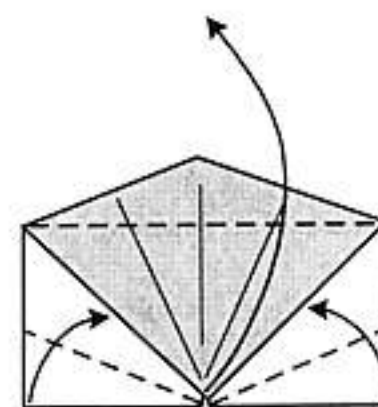
3 Pli aplati.



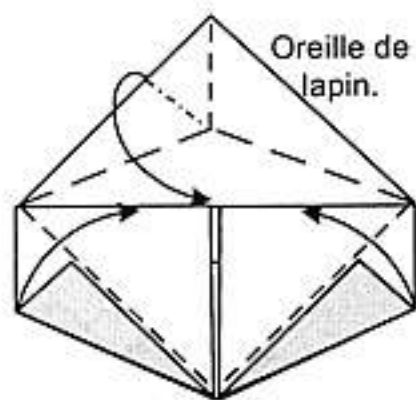
4 Pli pétale.



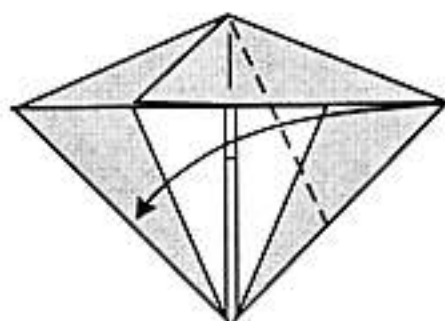
5 Ouvrir.



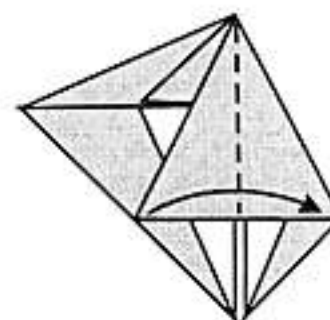
6 Lever la feuille supérieure,
plier suivant les pointillés



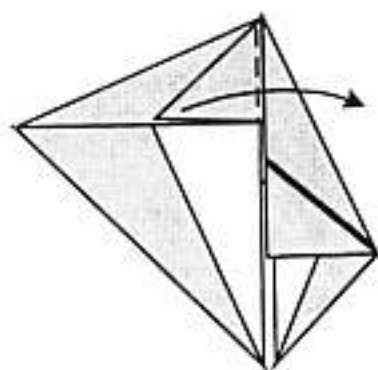
7 pli vallée.



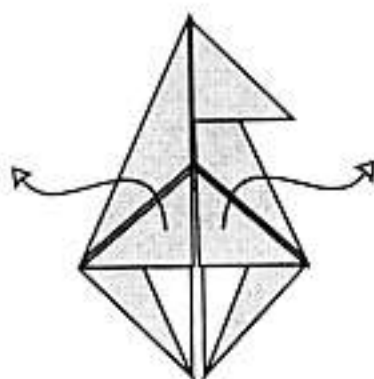
8 Pli vallée.



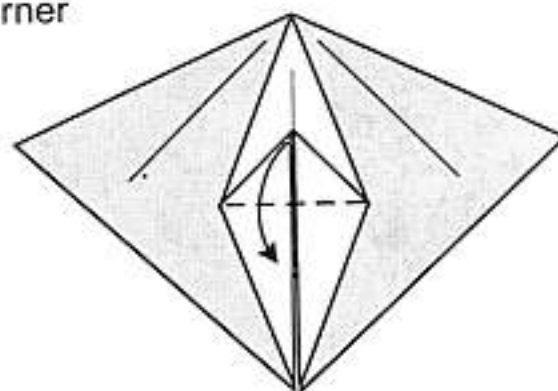
9 Pli vallée.



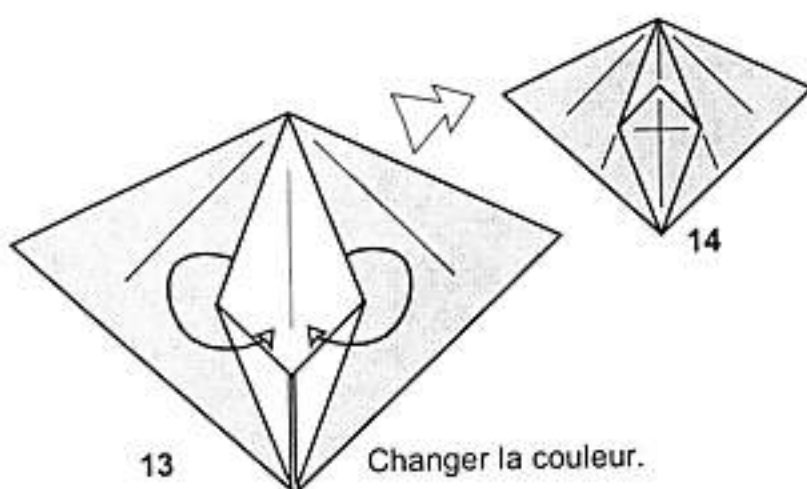
10 Pli valée. Puis répéter les étapes 8,9 à gauche.



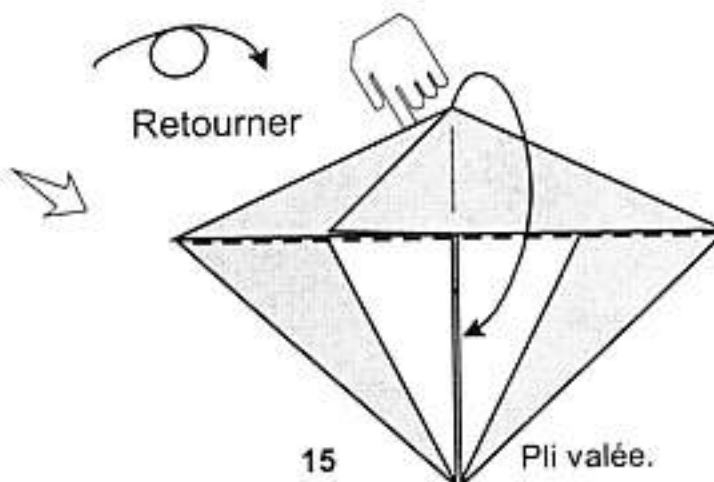
11 Déplier.



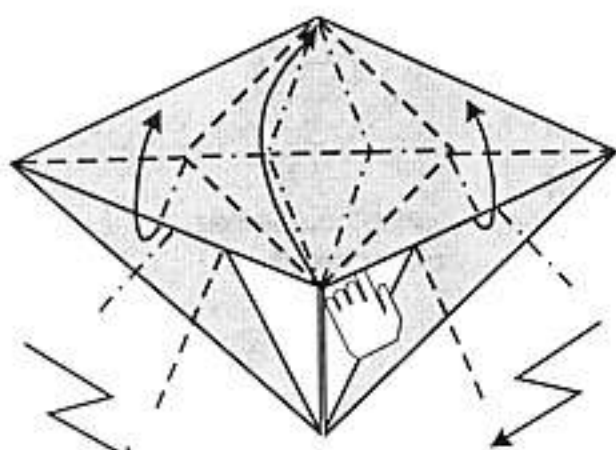
12 Pli valée.



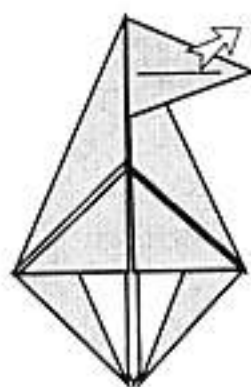
13 Changer la couleur.



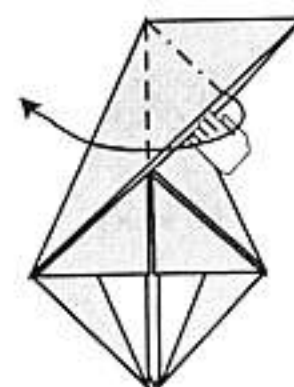
14 Pli valée.



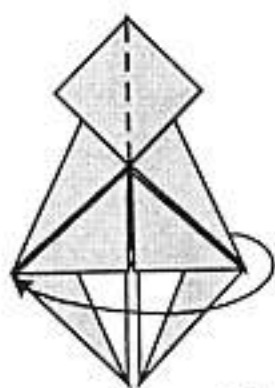
16 Refermer le modèle en suivant les plis.



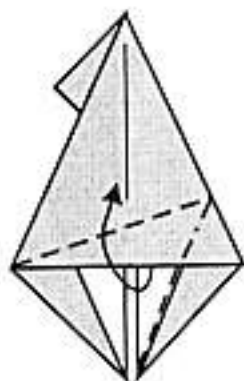
17 Sortir.



18 Pli aplati.



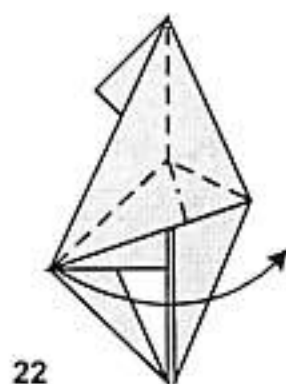
19 Plier le volet droit vers la gauche.



20 Pli pivot.

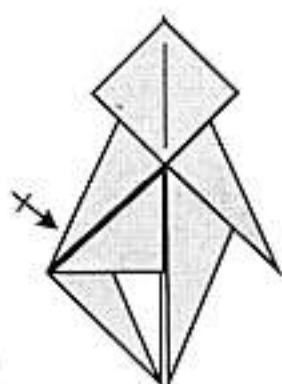


21 Rentrer.



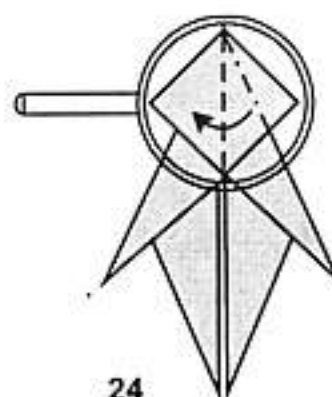
22

Oreille de lapin.



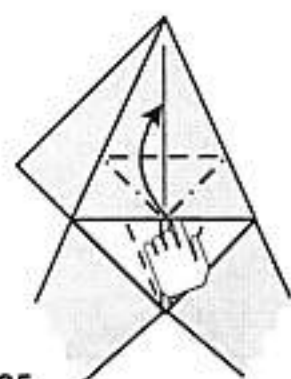
23

Répéter les étapes 19 à 21 sur le côté gauche.



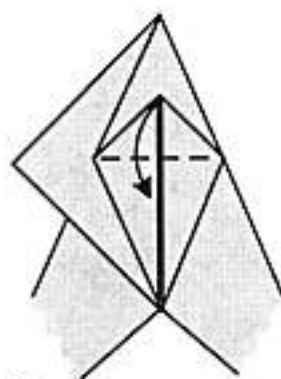
24

Pli aplati.



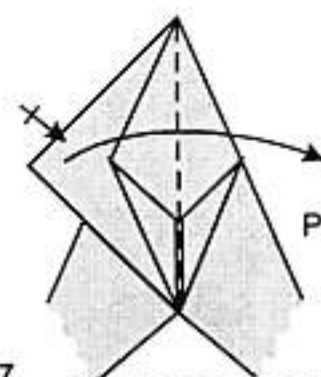
25

Pli pétale.



26

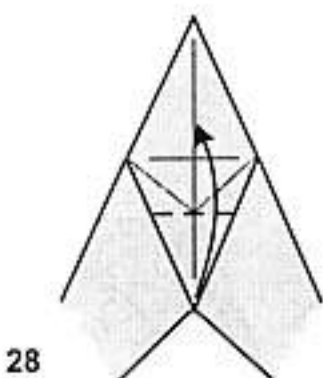
Pli vallée.



27

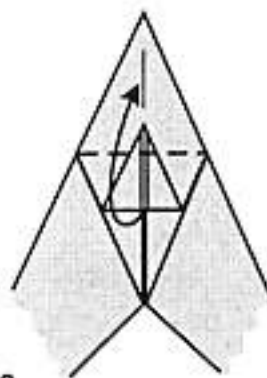
Répéter les étapes 24 à 26 sur le côté gauche.

Pli vallée.



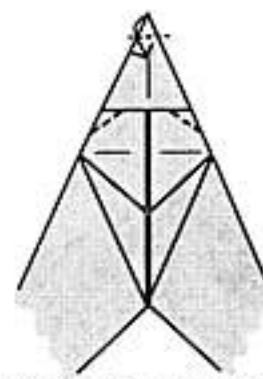
28

Pli vallée.



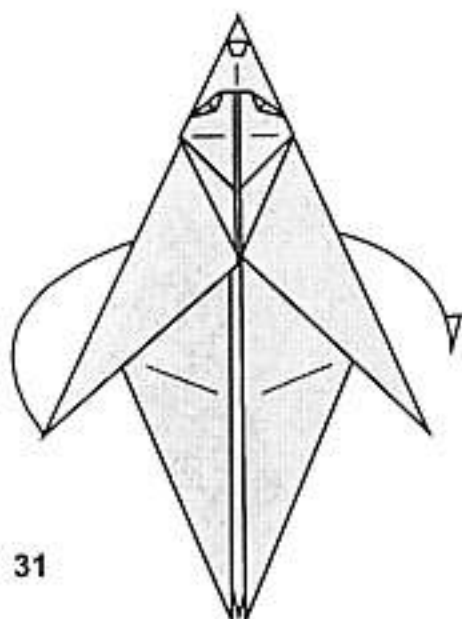
29

Pli vallée.



30

Pli vallée pour le nez, former les yeux.



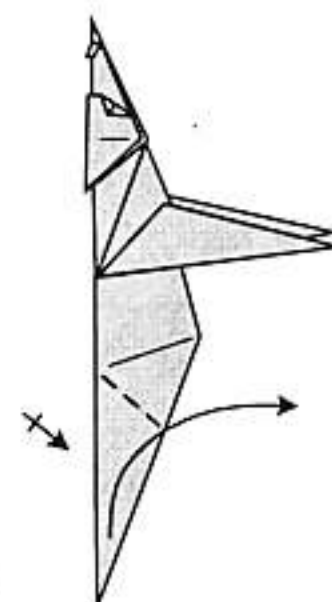
31

Refermer le modèle en deux.



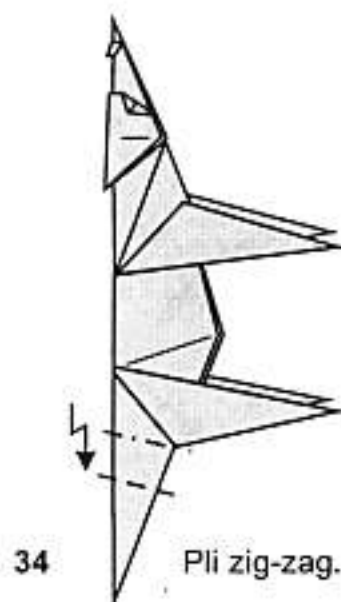
32

Formation des pattes avant.

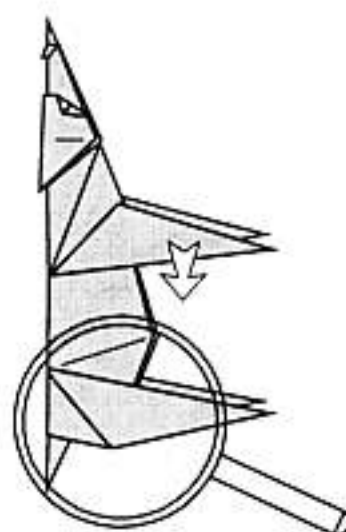


33

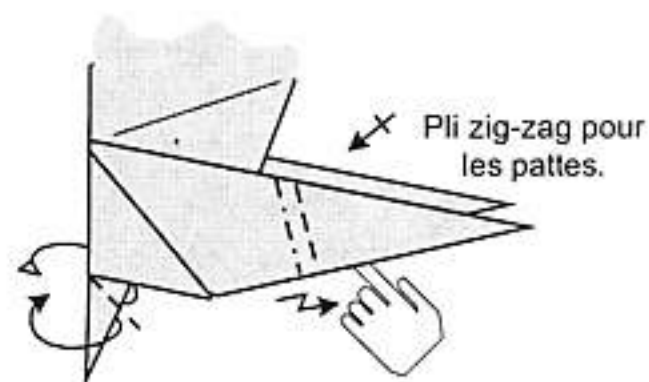
Formation des pattes arrière.



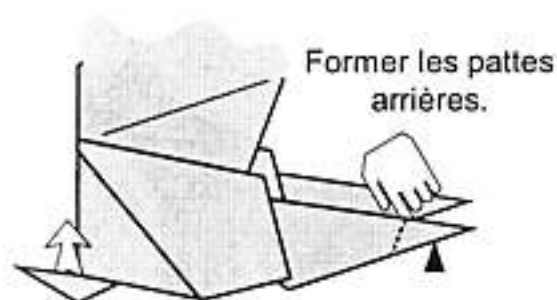
34 Pli zig-zag.



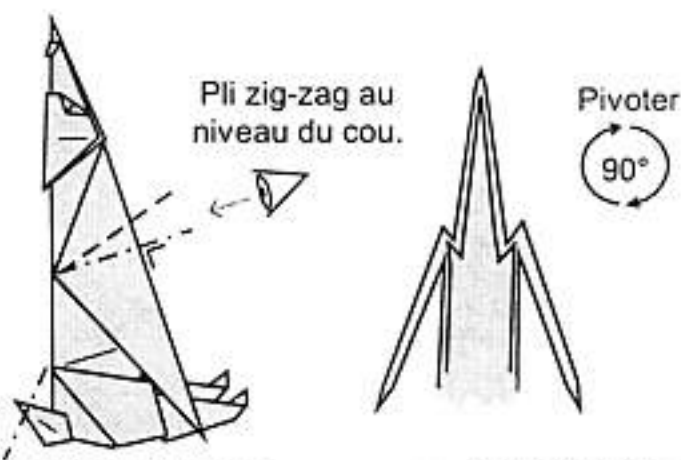
35 Descendre les pattes avants.



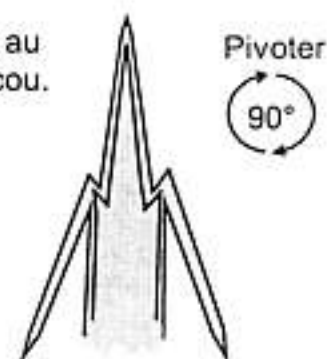
36 Pli inversé extérieur pour la queue.



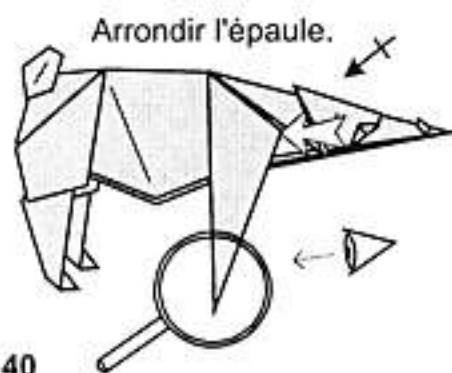
37 Sortir du papier.



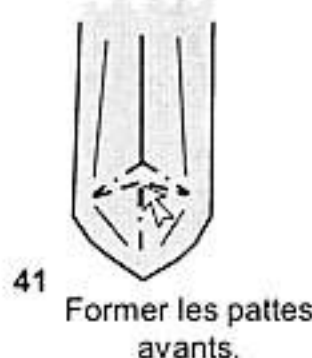
38 Rentrer du papier pour arrondir la queue.



39 Remettre les pattes avants comme à l'étape 32.

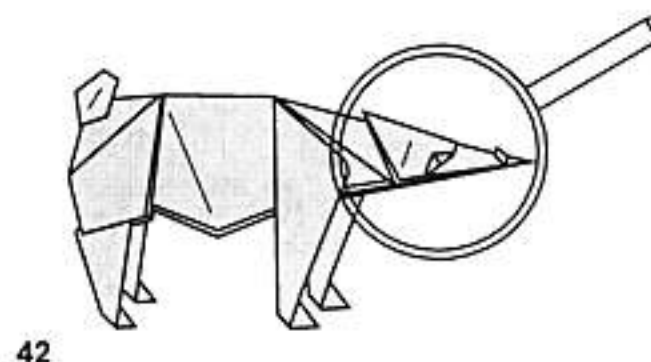


40



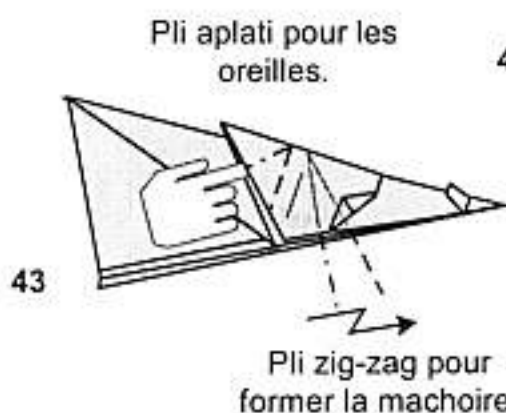
41

Former les pattes avants.



42

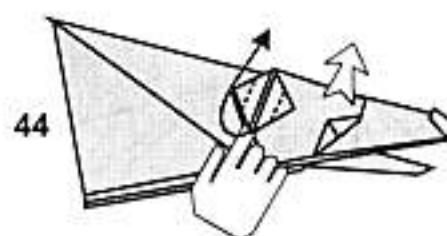
Détails pour la tête.



43

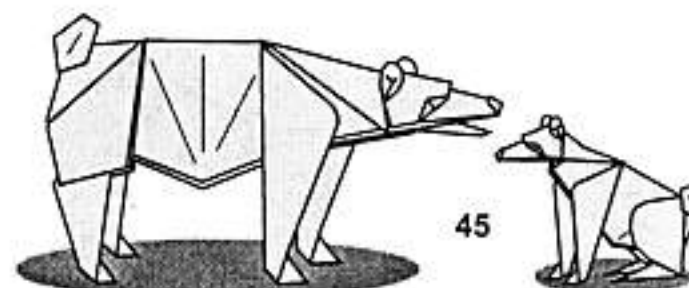
Pli aplati pour les oreilles.

Pli zig-zag pour former la mâchoire.



44

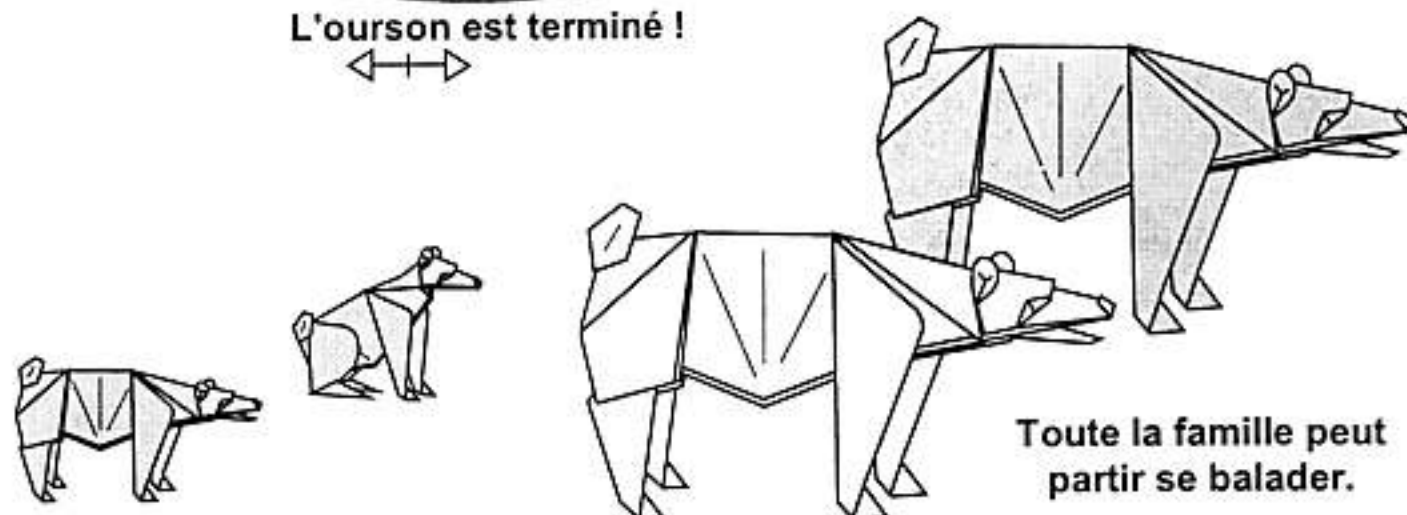
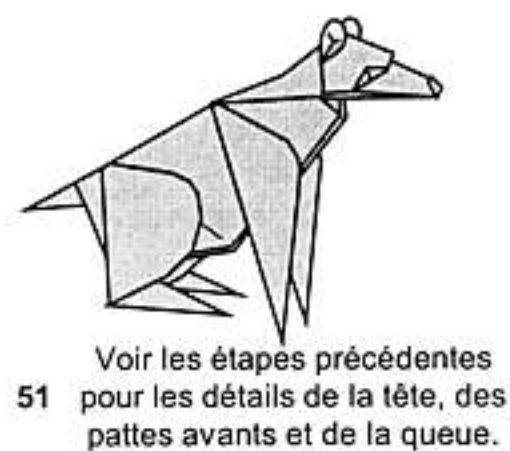
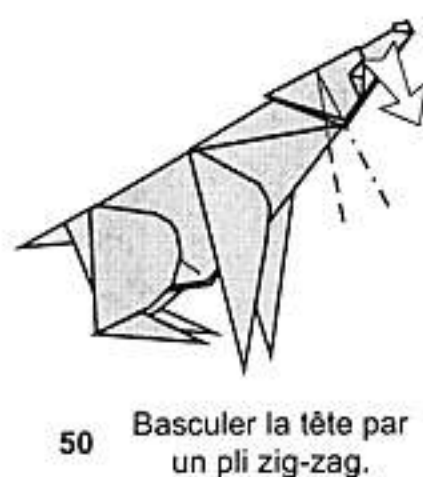
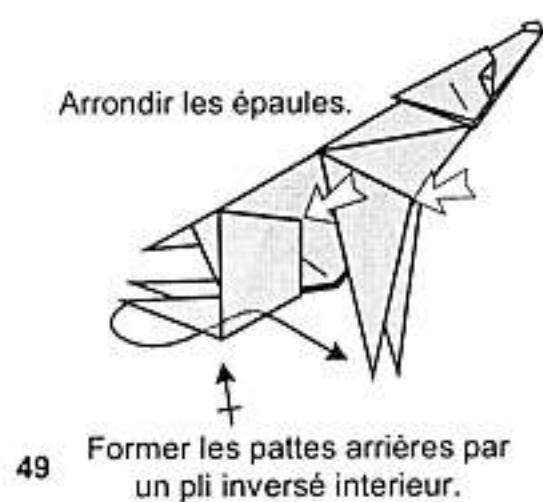
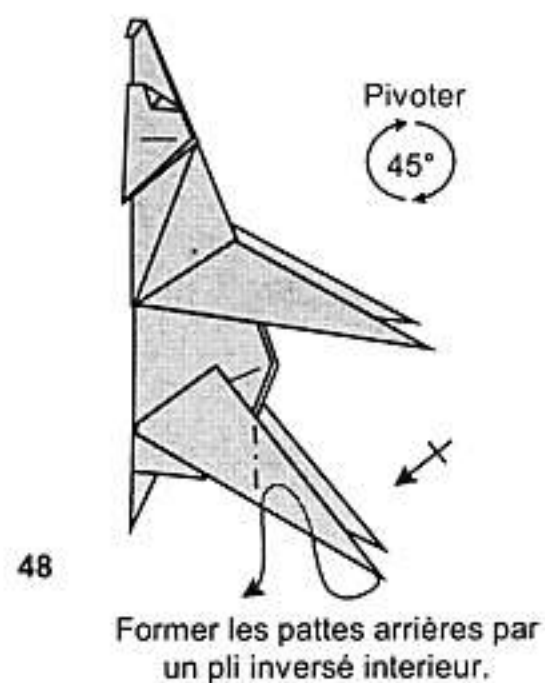
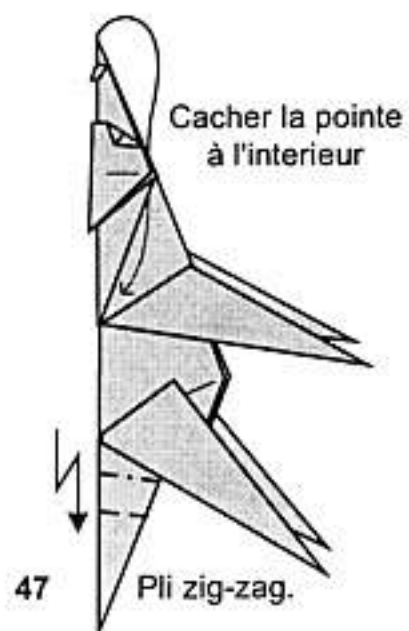
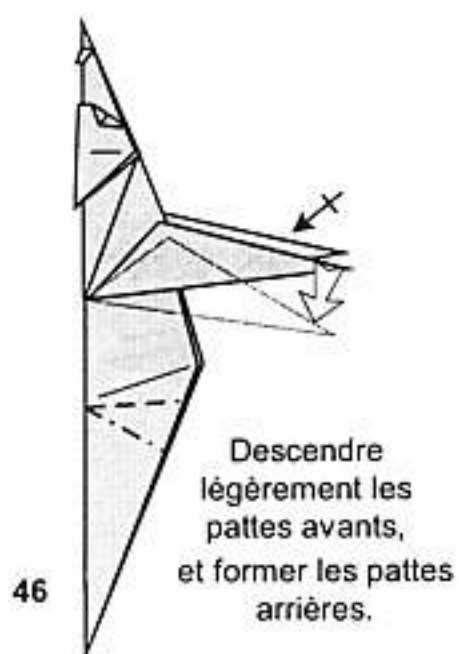
Relever le front, puis pli pétale (non fermé) pour les oreilles.



45

L'ours est terminé !

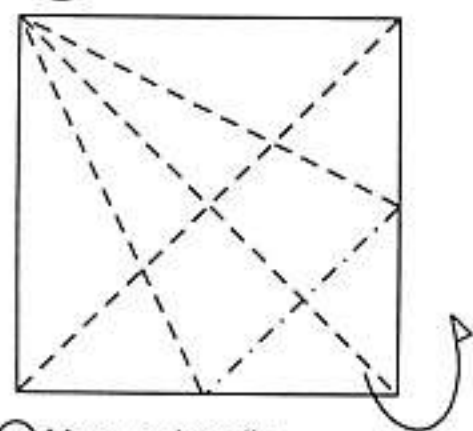
Variante pour la position de l'ourson....



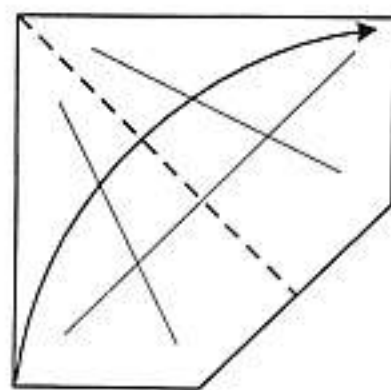
Infos:

Format de départ 21x21cm

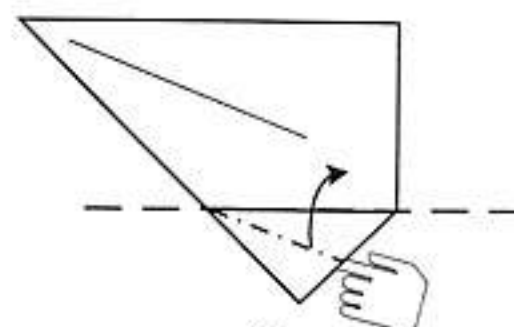
Modèle terminé 10x4,5cm



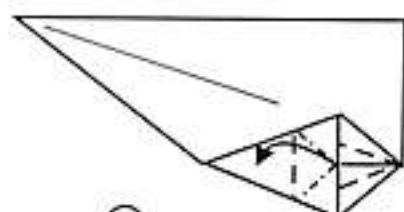
① Marquer les plis, plier derrière.



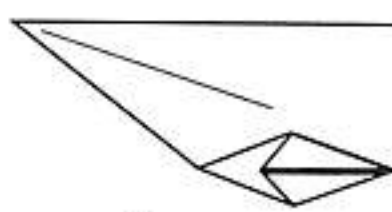
② Plier.



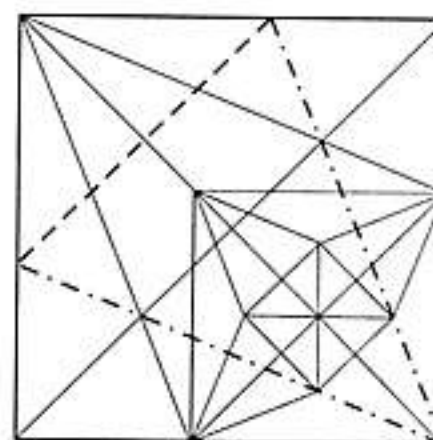
③ Pli aplati.



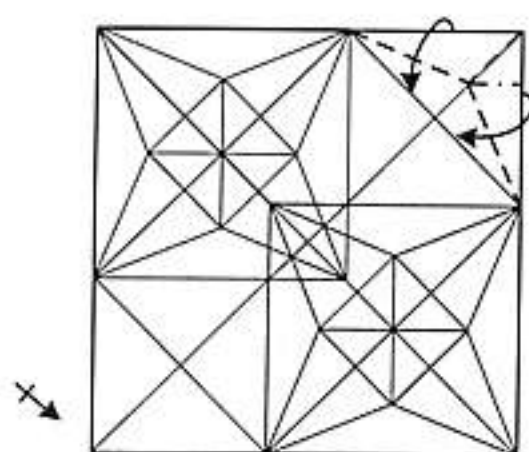
④ Pli pétale.



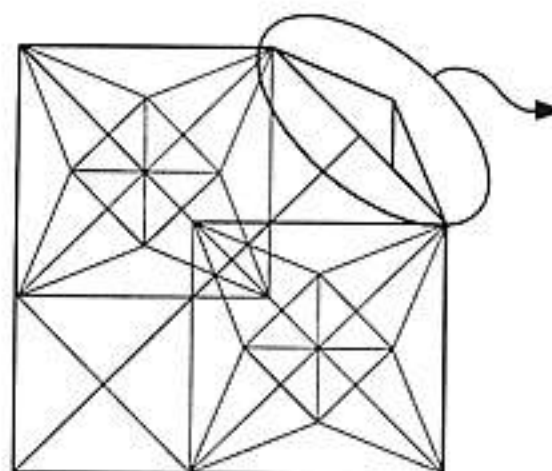
⑤ Déplier complètement. Unfold.



⑥ Répéter les étapes ① à ⑤ symétriquement. Repeat on the other side corner



⑦ Oreille de lapin Rabbit ear.

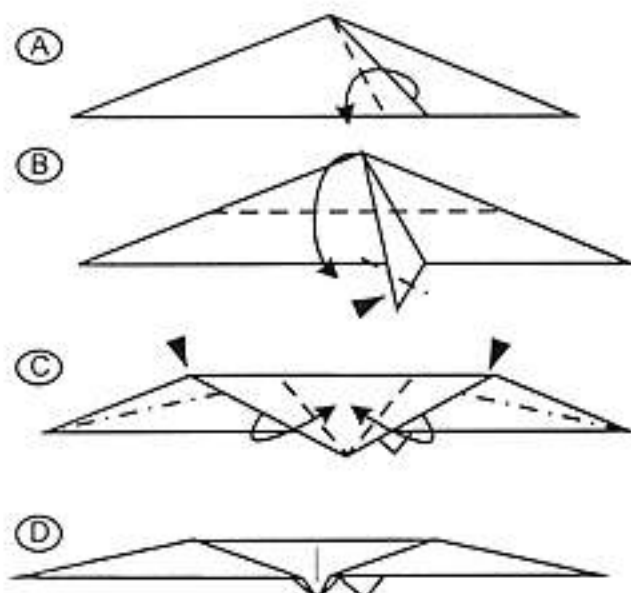


⑧ ZOOM sur une partie.

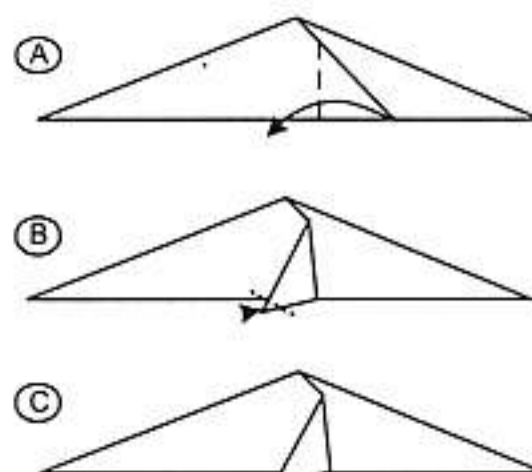
Pour la femelle :

9

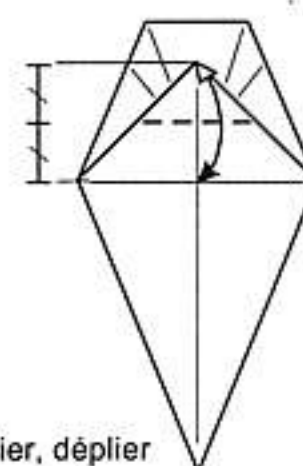
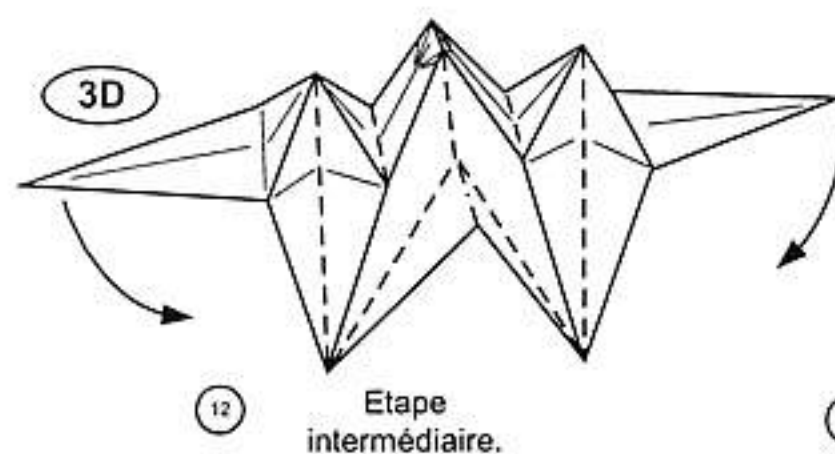
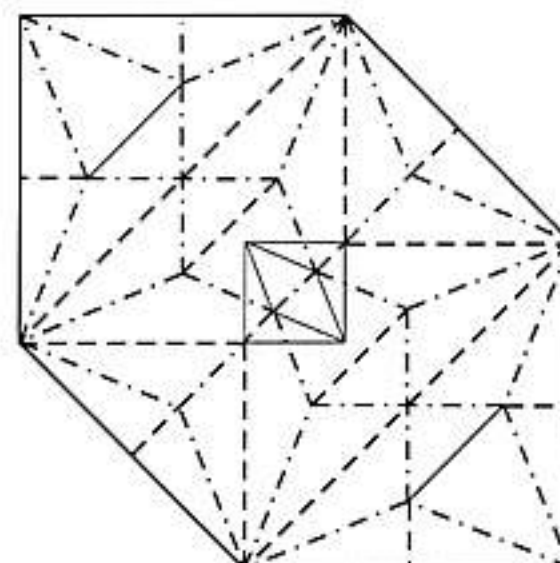
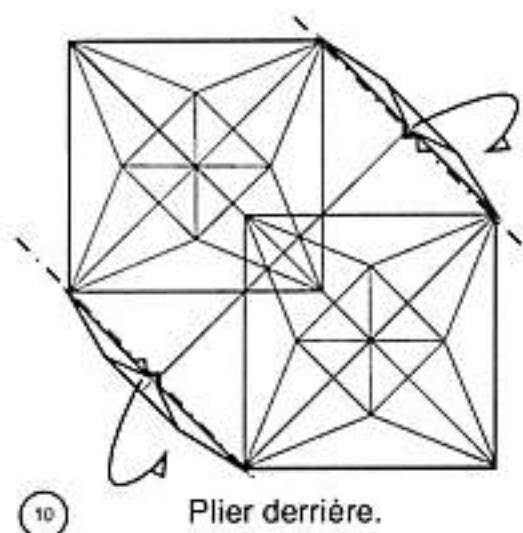
Pour le mâle :

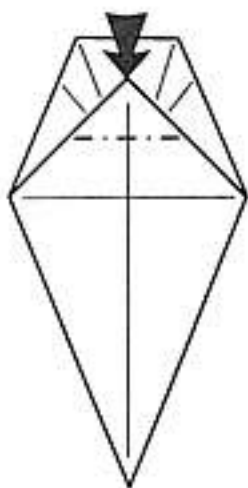


Répéter les étapes symétriquement ...
Repeat on the other side...

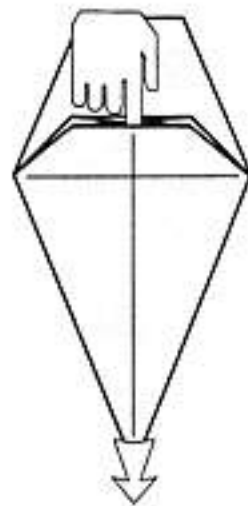


NB : Les détails du sexe du loup ne seront pas mis en évidence jusqu'à la fin du modèle.
The details of the sex about the wolf will not draw...

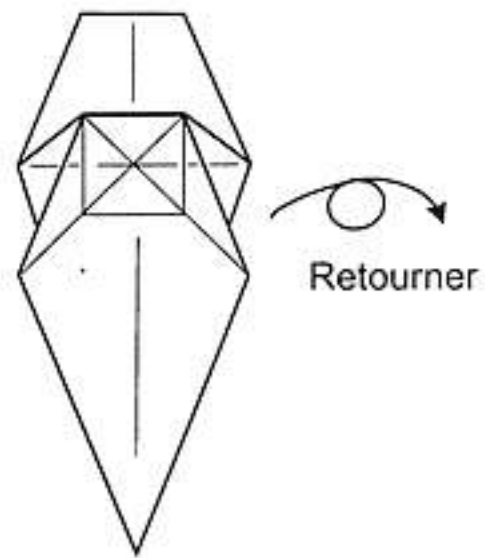




14 Enfoncement (Sink).

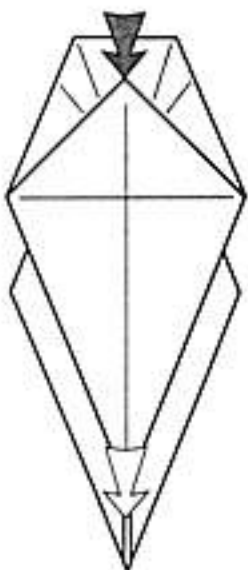


15 Pli étiré.



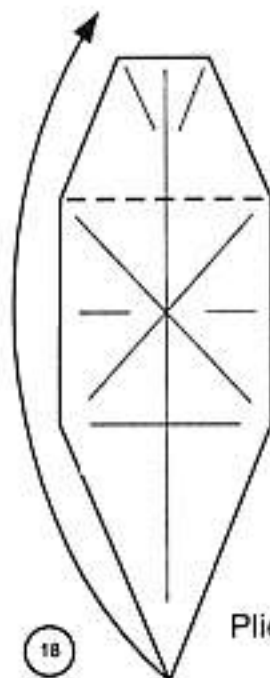
16

Retourner



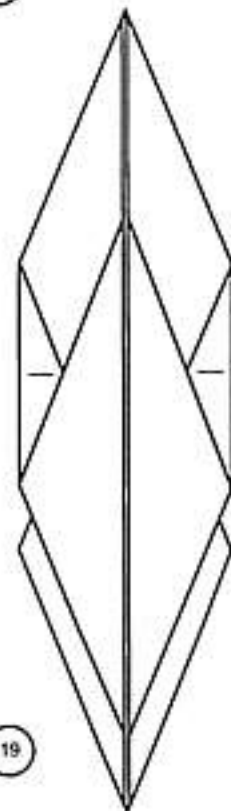
17 Pli étiré.

Vue
retrecit



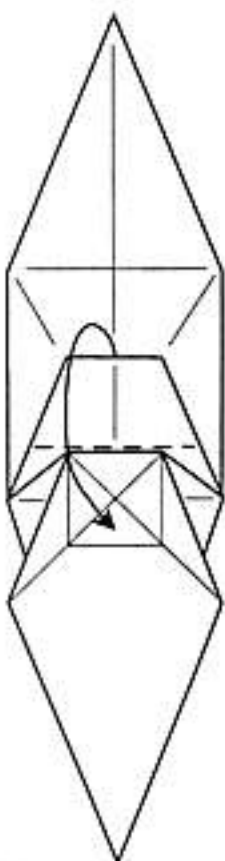
18

Plier vers le
haut.

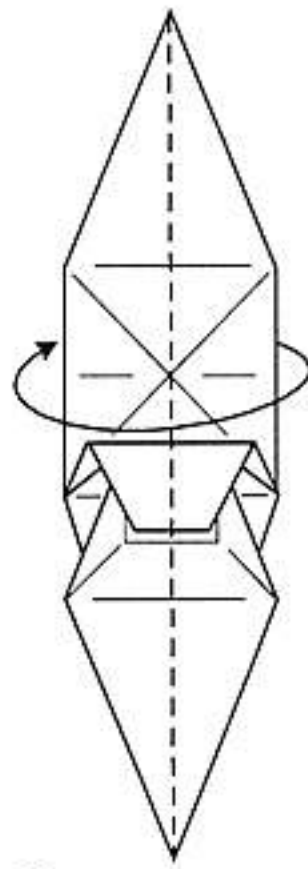


19

Retourner

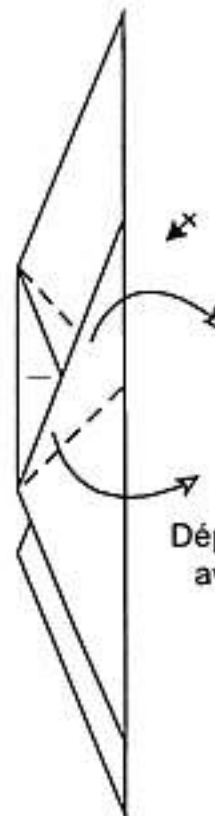


20 Plier vers le bas.



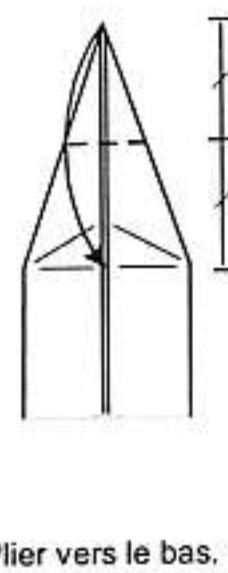
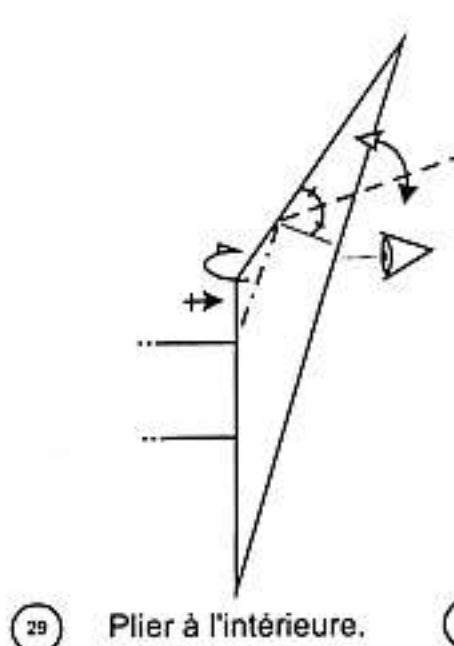
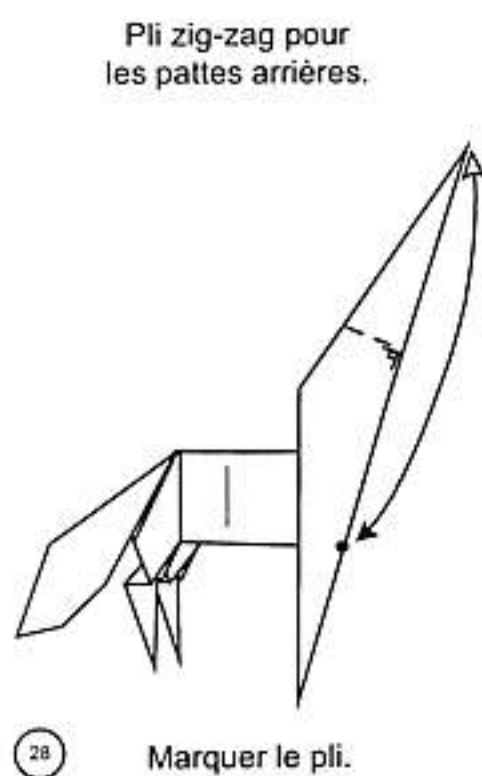
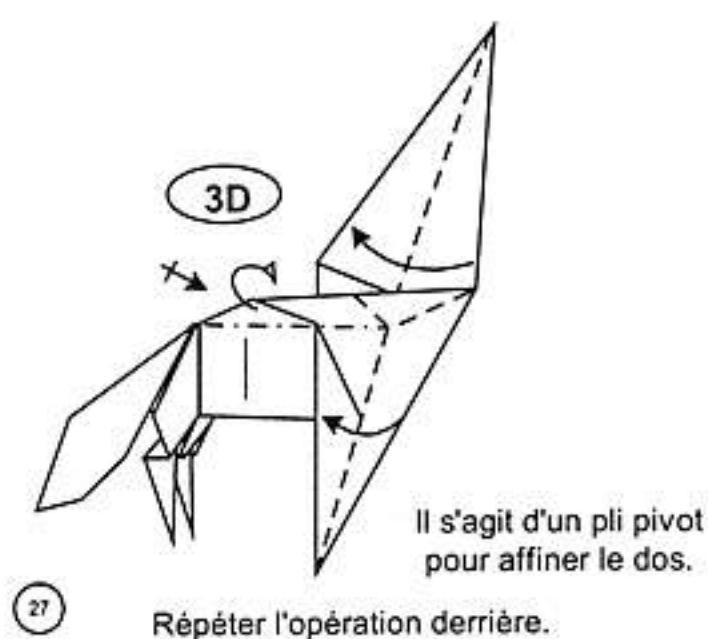
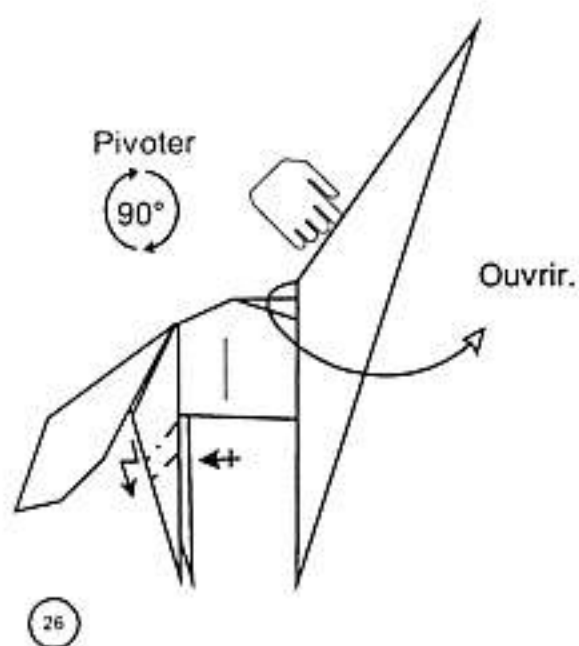
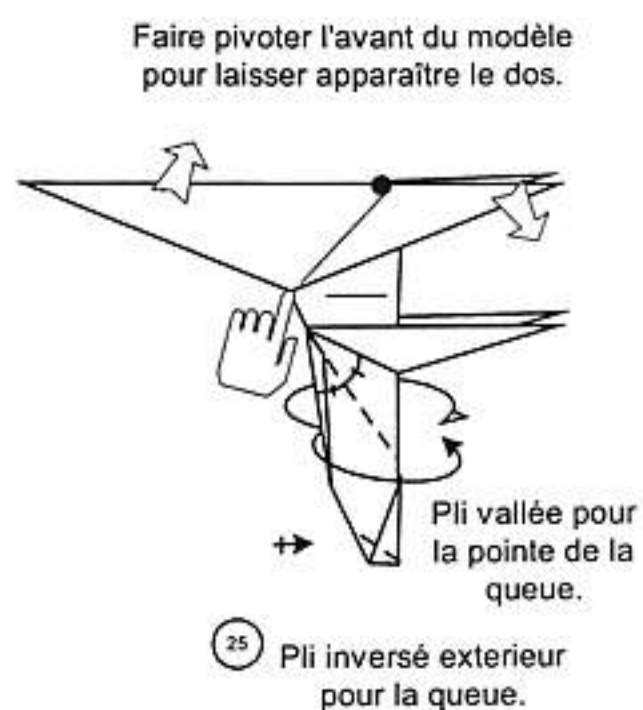
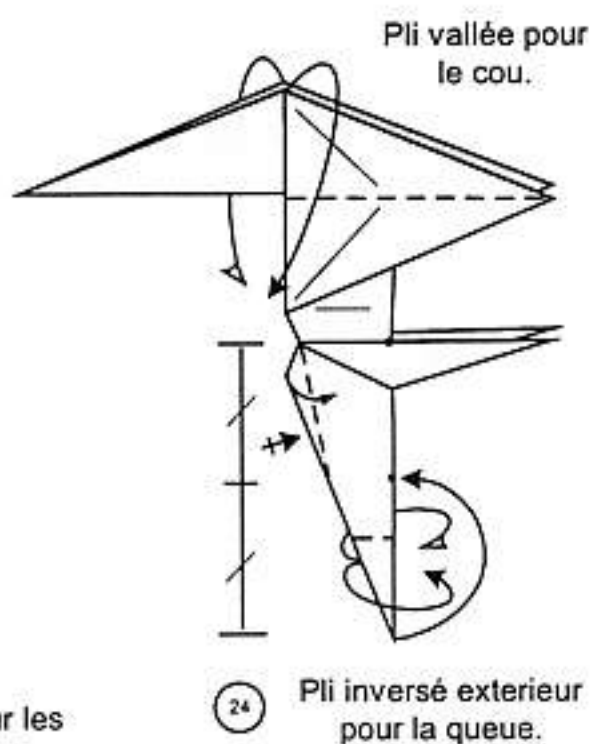
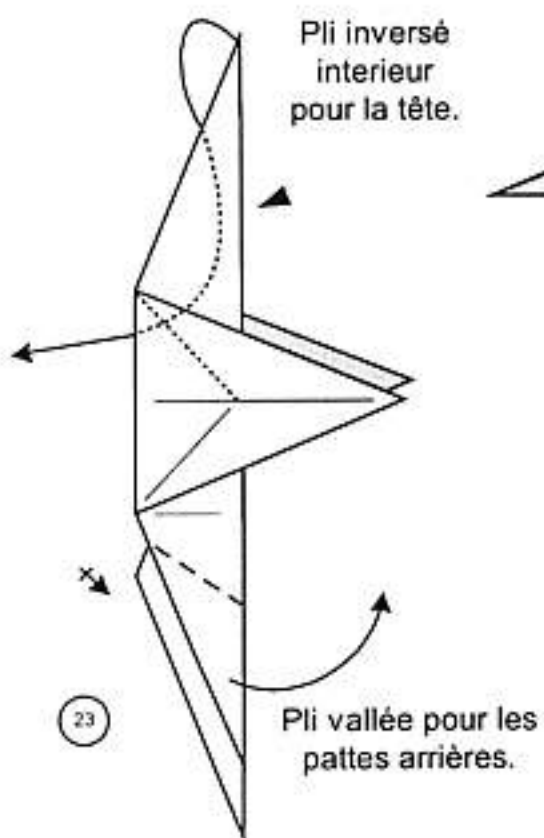
21

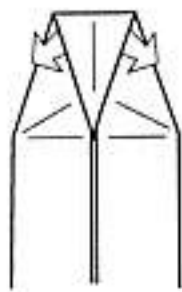
Plier en deux.



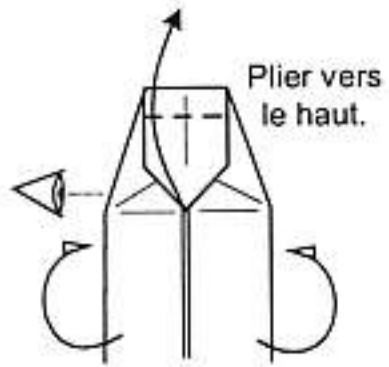
22

Déplier les pattes
avants vers la
droite.

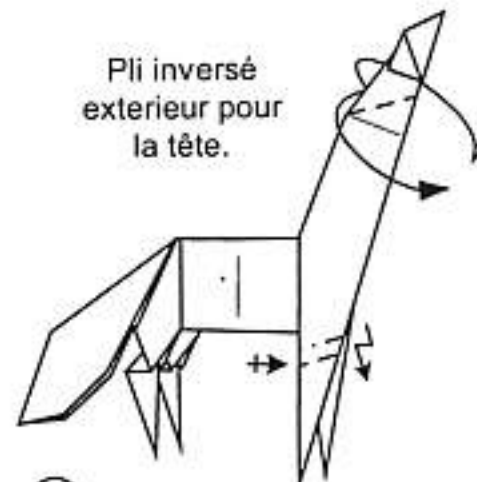




31 Sortir du papier.



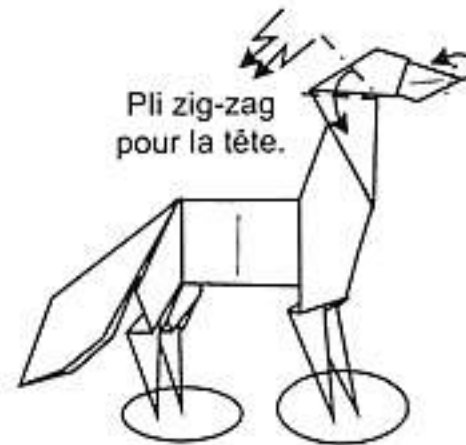
32 Refermer le modèle.



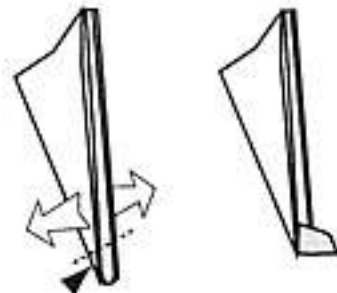
33 Pli zig-zag pour les pattes avants.
Pli inversé extérieur pour la tête.



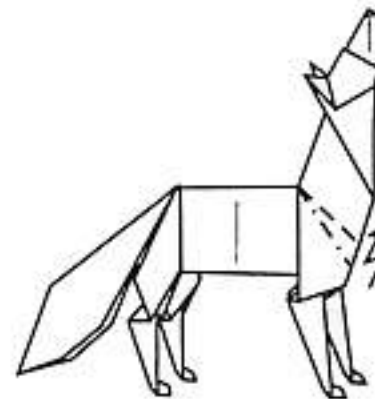
34



35

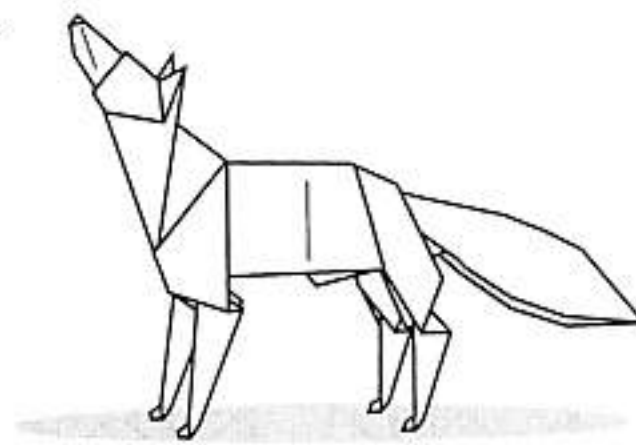
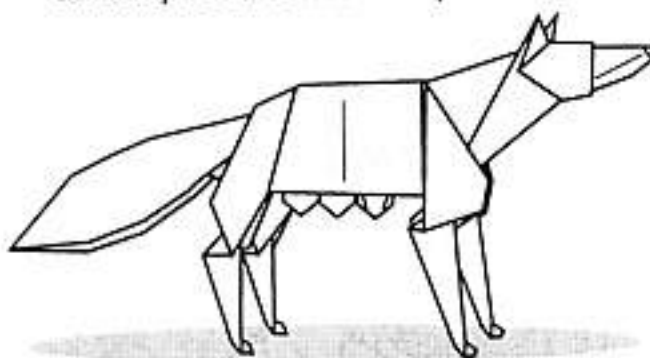


36 Former les pattes



37 Crimp pour le cou.

Il y a possibilité de varier la position du cou grâce au crimp de la dernière étape.



38 Le Loup est terminé ! ↔

\$ LUCKY STAR

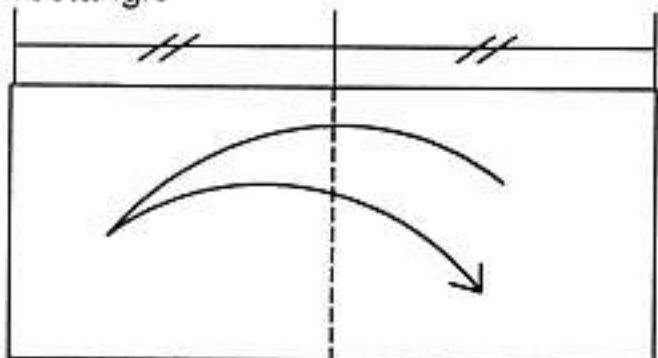
High Intermediate

Sy Chen

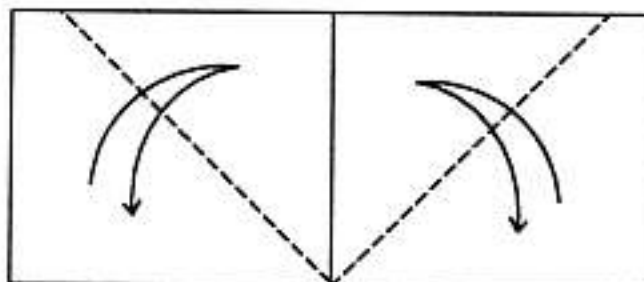
©2001 - Maryland

Designed in 2004 and diagrammed on 1/20/2005
One real US dollar bill makes a 2 inch wide model

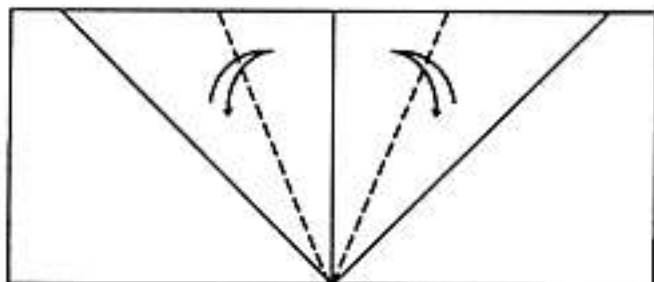
1. Start from US dollar bill or 3x7 rectangle



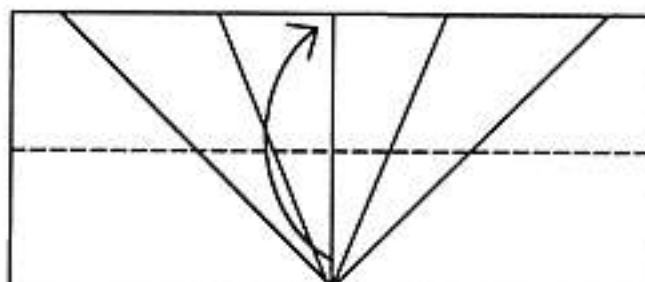
2.



3. Angle bisecting again

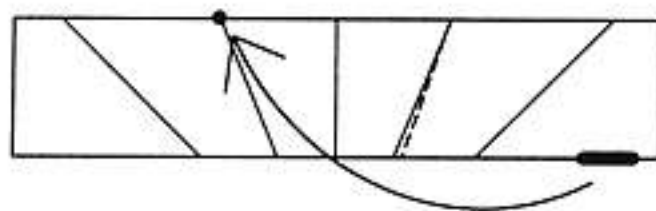


4.



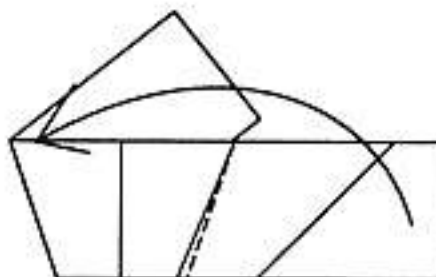
turn over

5. Folded line meets upper intersection on the right. Lower edge on the right touches upper intersection on the left

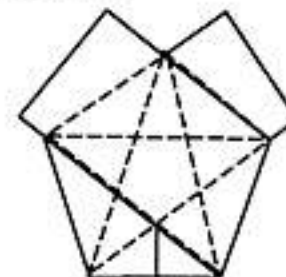


turn over

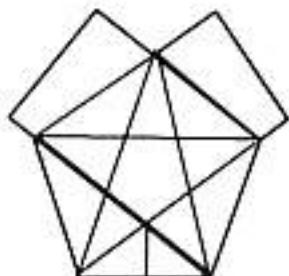
6. Lower edge touches left corner



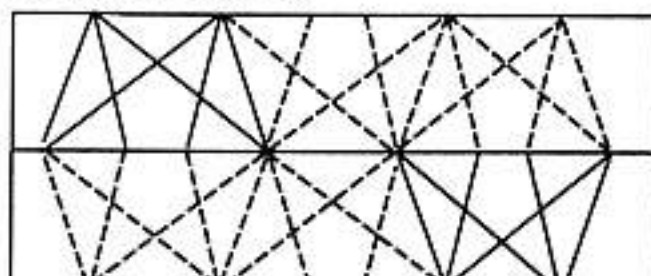
7. Make star creases and pentagon creases through all layers



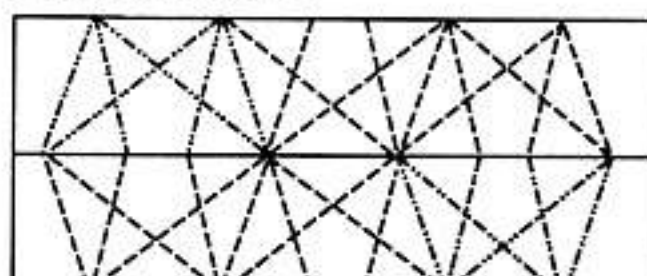
8. Unfold to original shape



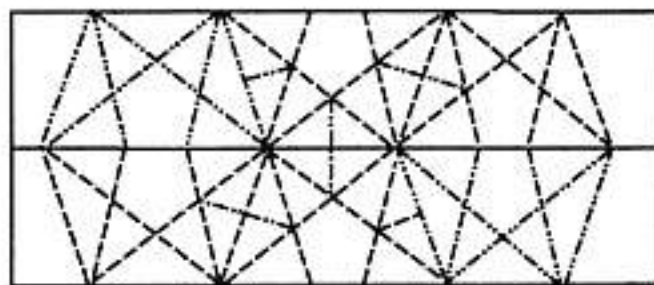
9. Make valley creases as indicated as sharp as possible



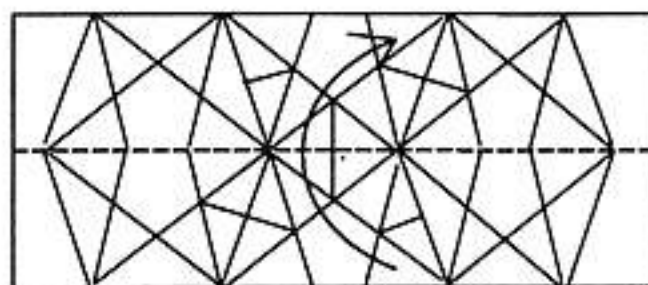
10. Make mountain creases as indicated as sharp as possible



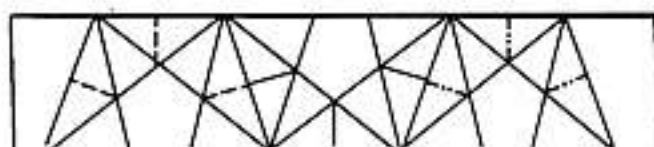
11. Make mountain creases as indicated as sharp as possible



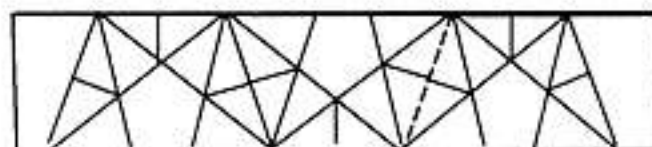
12.



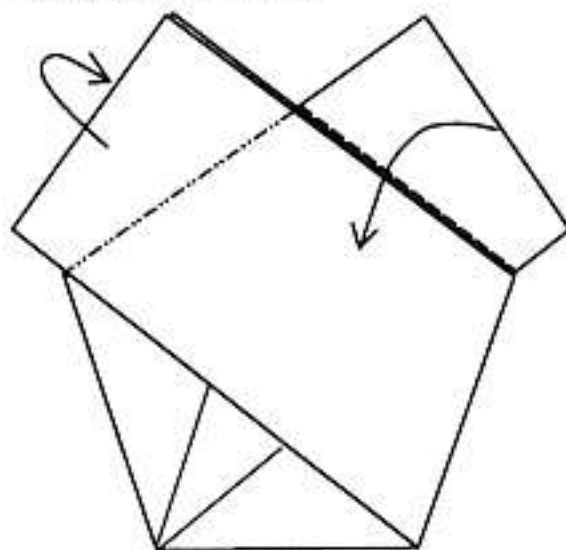
13. Valley on the left; Mountain on the right
Fold two layers together



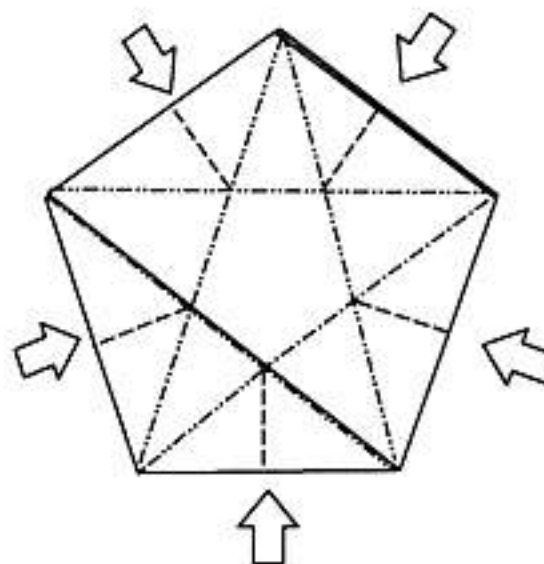
14. Repeat step 5 and 6 using existing creases



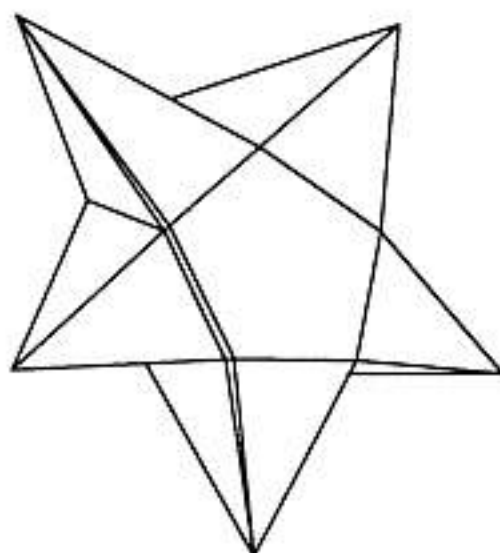
15. Enlarged; Tuck upper right flap into front layers; Tuck upper left flap into layers behind;



16. Push sides to inflate the star; All pre-creases help to make the final pop-up shape.



17. Finished



DOG WITH BONE

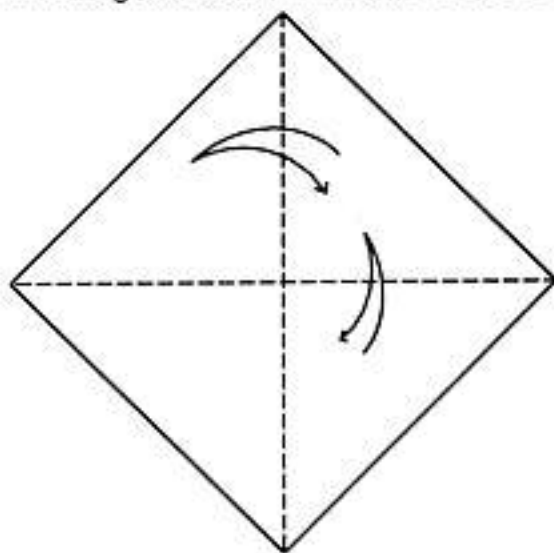
Intermediate

Sy Chen

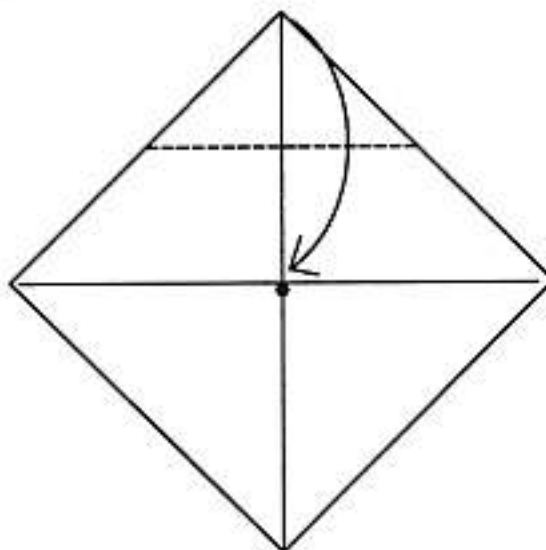
©2001 - Maryland

Designed on 11/30/2001 and diagrammed from 1/5/05 to 1/30/05
Challenged by my wife, Wen-Li Lu
A 15 cm square produces 13 cm wide model.

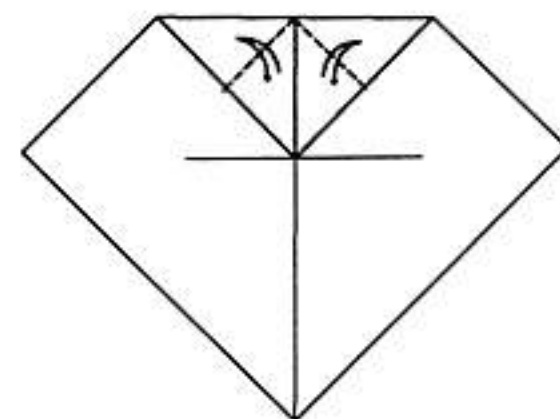
1. Start from duo-color (one side white) square with dog color down. Make creases



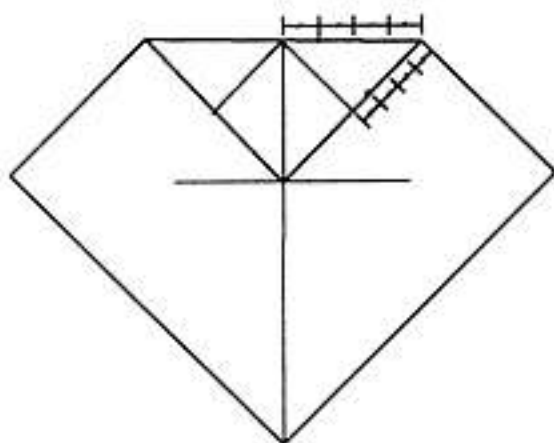
2



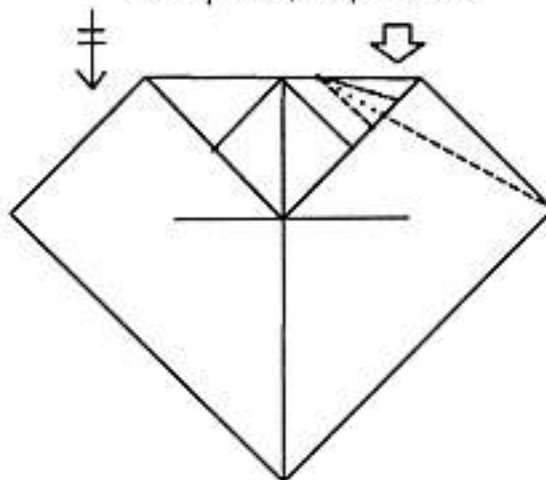
3.



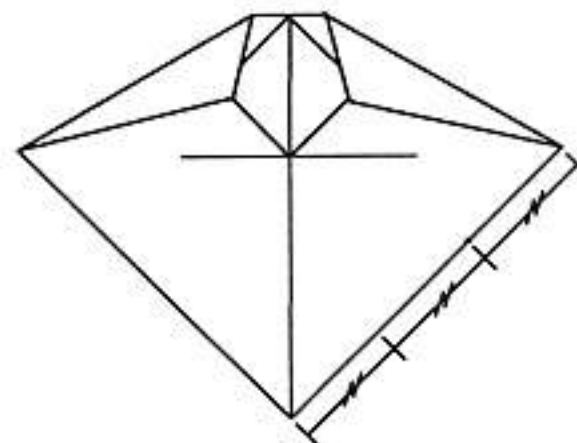
4. Find 3/4 pinch mark from right corner of upper triangle



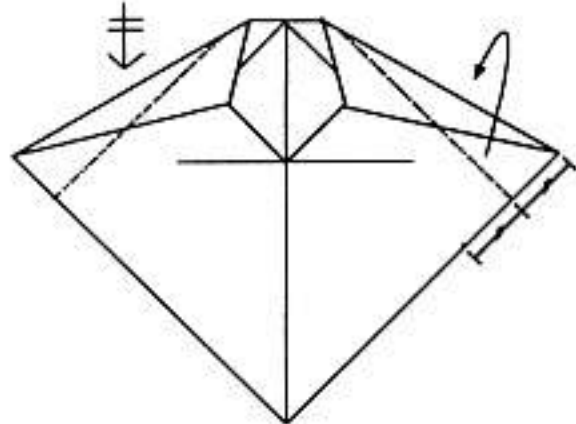
5. Squash; Repeat left



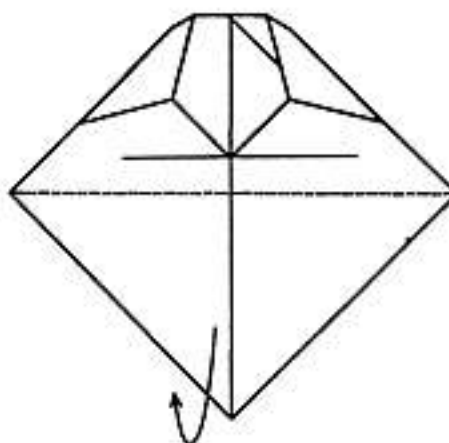
6. Find 1/3 pinch mark



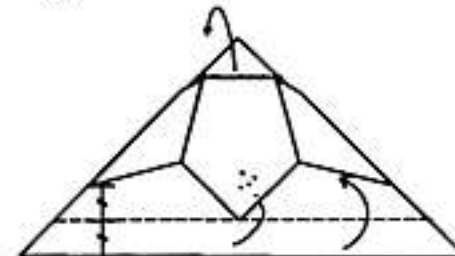
7. Fold right corner to pinch mark; Repeat left



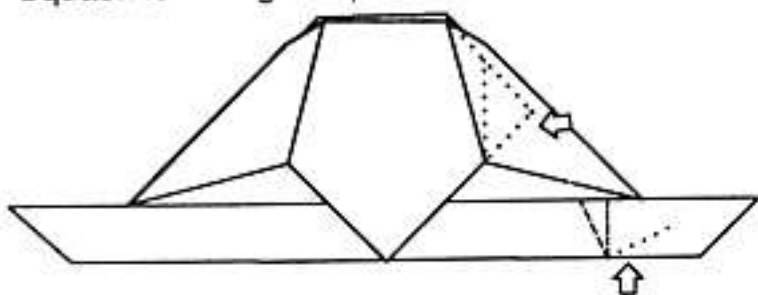
8. Mountain fold



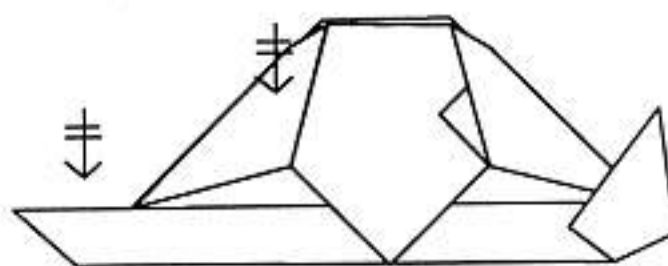
9.



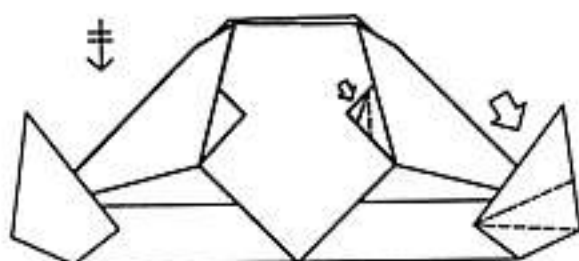
10. Enlarged; Inside reverse hidden layer;
Squash lower right flap



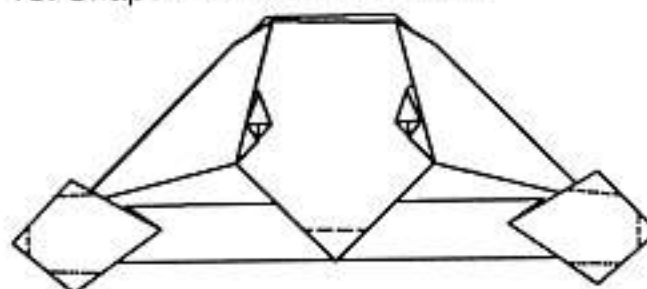
11. Repeat left hand side



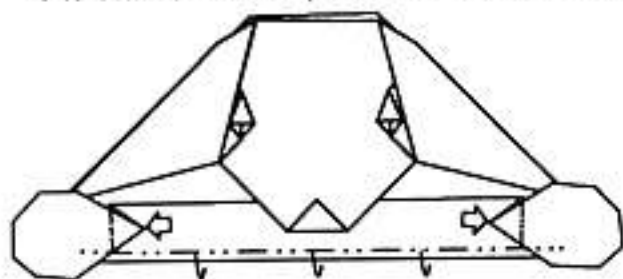
12. Two squashes; Repeat left



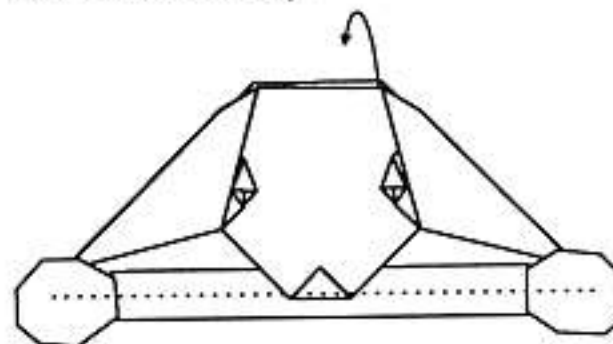
13. Shape bone ends and nose



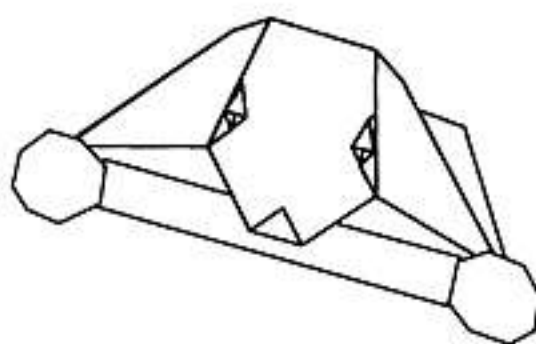
14. Thin the bone; Inside reverse two corners



15. Mountain fold the bottom layer so the
model can stand up



16. Finished



AN OPENED LETTER

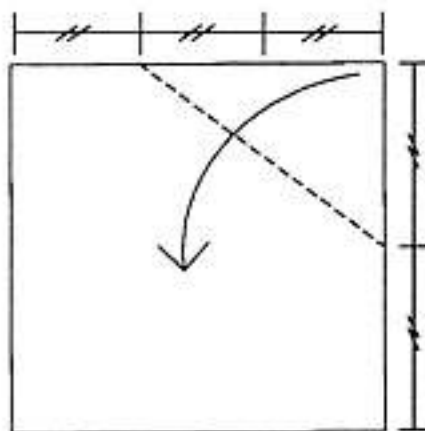
Low Intermediate

Sy Chen

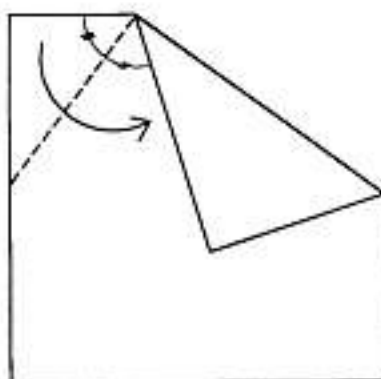
©2001 - Maryland

Designed and diagrammed on 1/31/2002;
24 cm square makes 20 cm long model

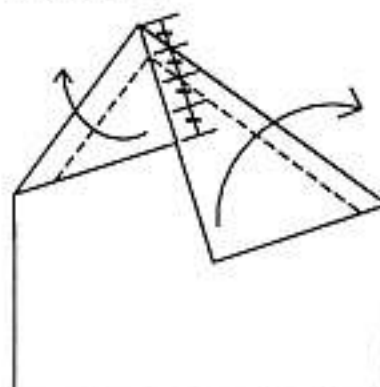
Start from square with common
envelope color on both sides; 3 division
is an estimate; Precision is not that critical



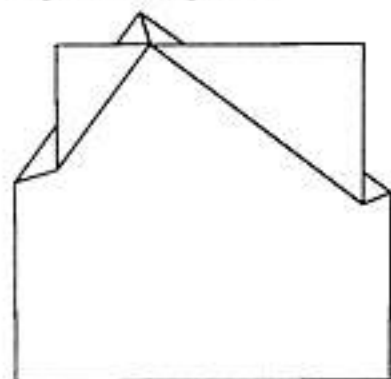
2.



3. Use eye ball judgement for
4 division; Precision is not critical;
Fold along the line parallel to
outside edge

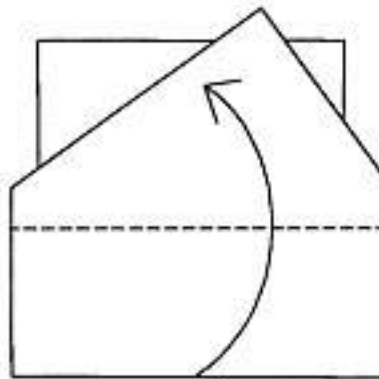


4. Make sure upper raw edge
align in a straight line

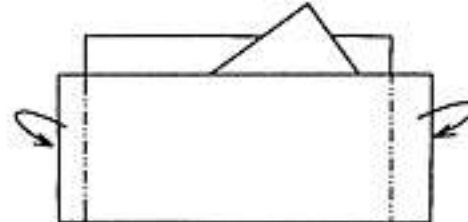


5. Lower raw edge is slightly
lower than upper raw edge

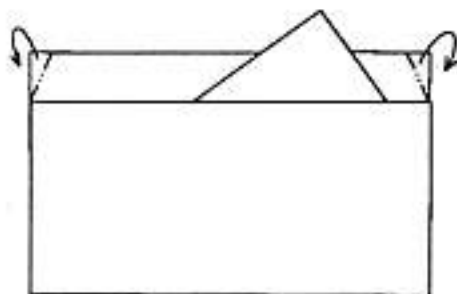
turn over



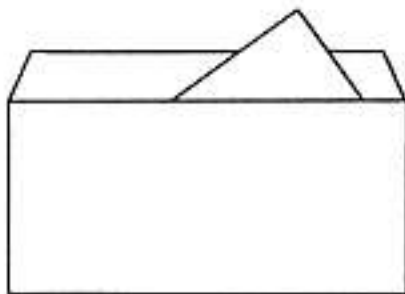
6. Mountain folds



7. Enlarged; Mountain folds

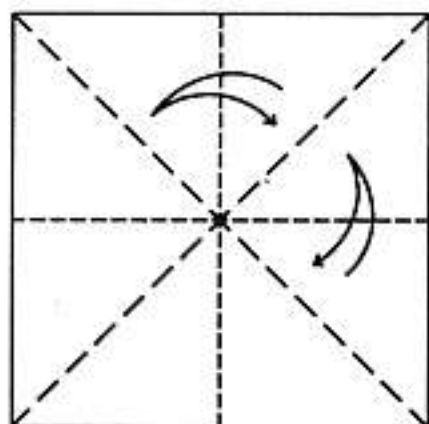


8. Finished

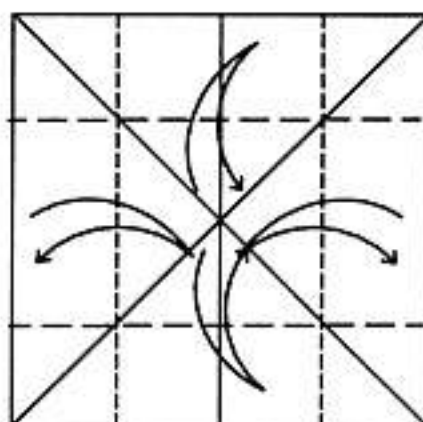


Designed on 11/21/04 and diagrammed from 1/13/2005 to 1/22/2005
15 cm square produces about 10 cm wide model

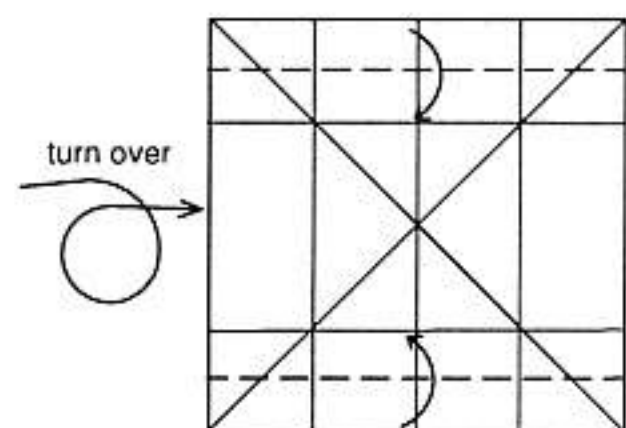
1. Start from square with color side down



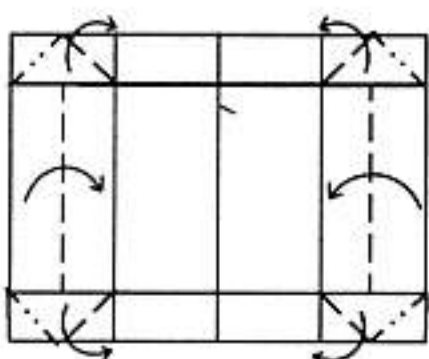
2.



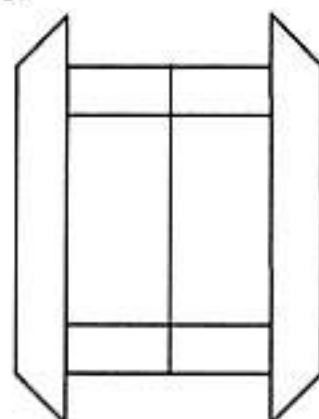
3.



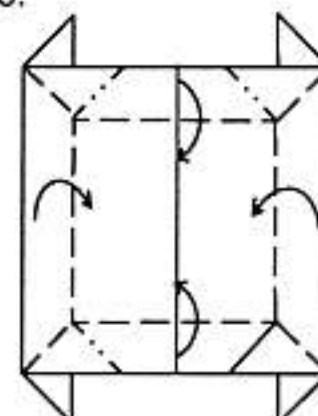
4.



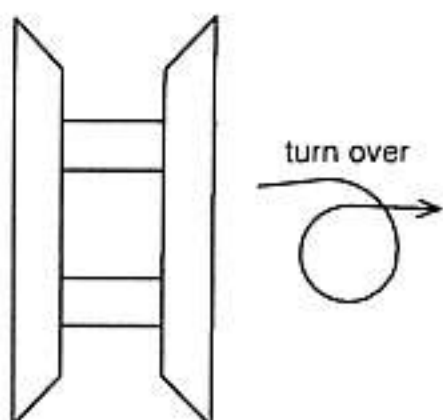
5.



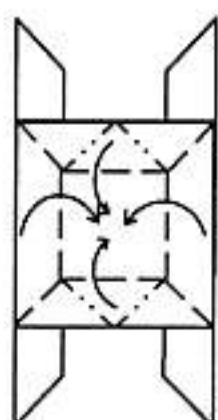
6.



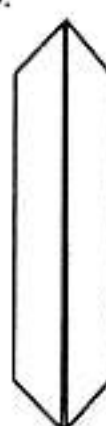
7.



8.



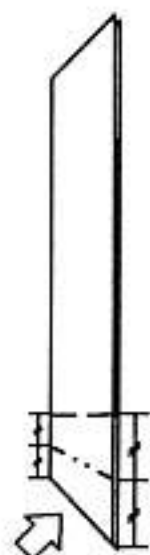
9.



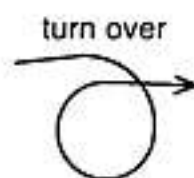
10.



11. spread squash



12.



13.



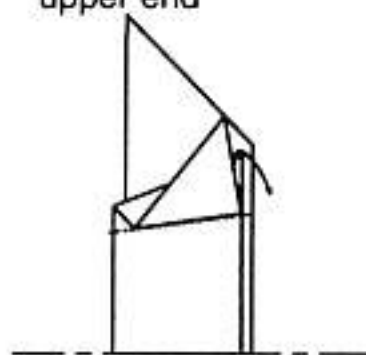
14.



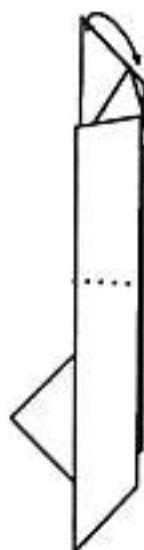
15. Mountain fold indicated flap behind while keeping top flap in the front



16. Focus view - upper end



17.

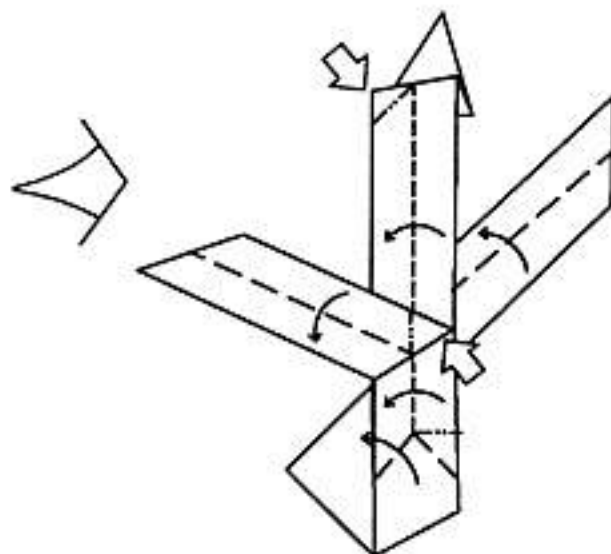
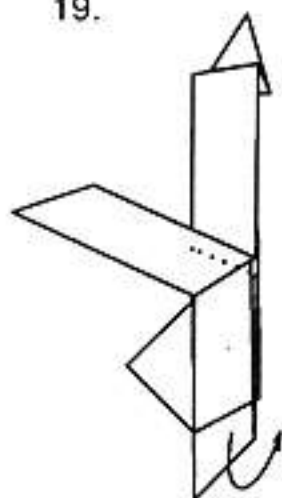


18.

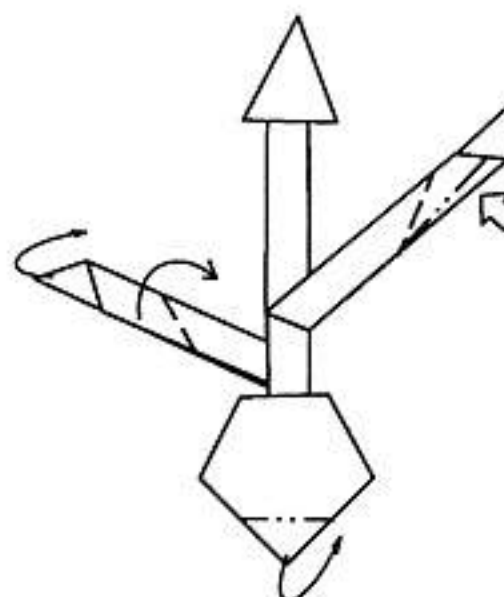


20. Thin each flap while swivel pentagon below to the front and upper triangle to the front

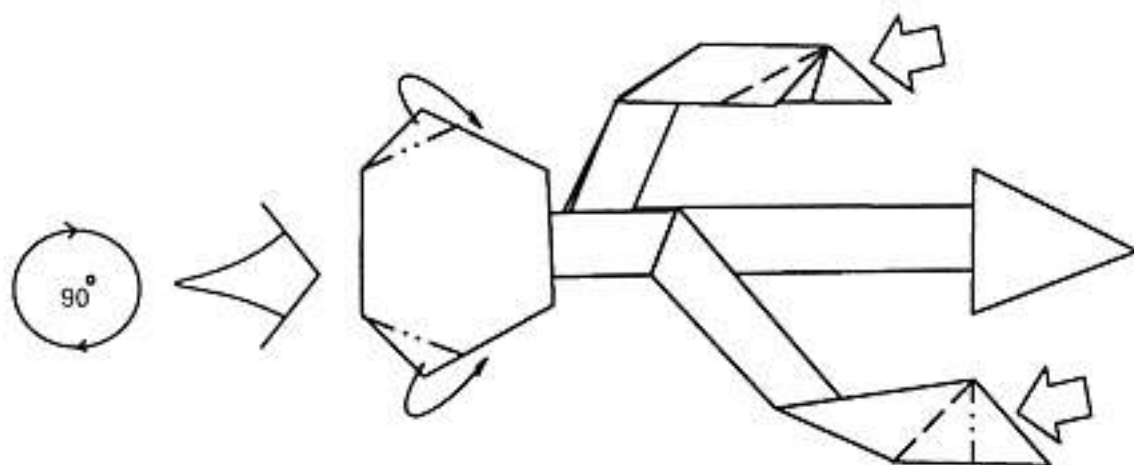
19.



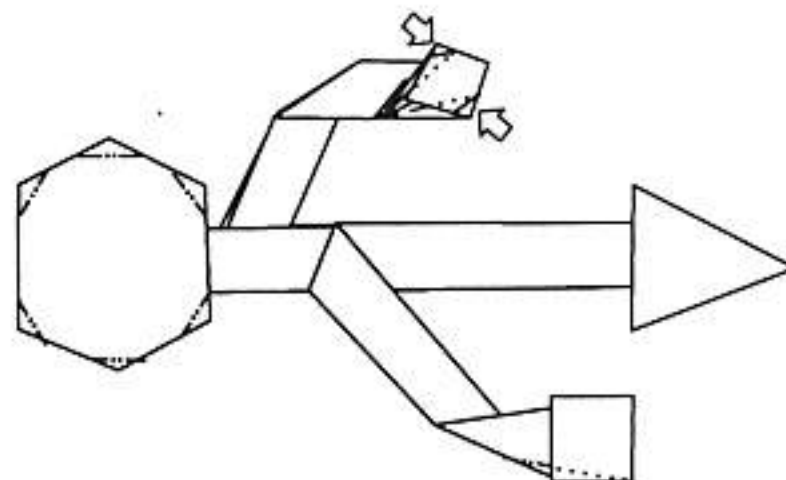
21. Outside reverse left flap; Squash the right flap



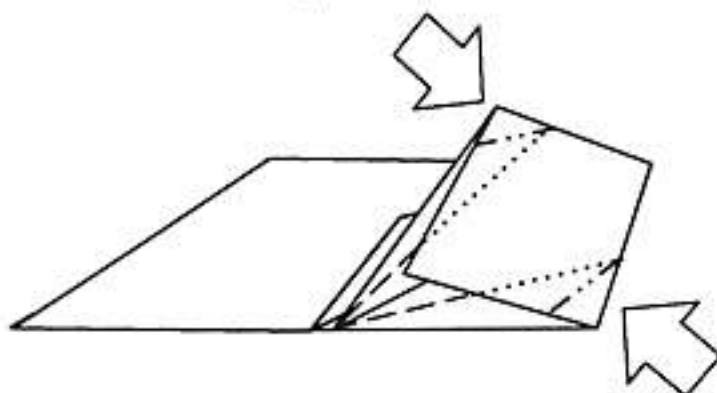
22. Shape left end: Squash the other two ends



23. Round the left end to your taste; Mountain fold the lower end; Shape upper end



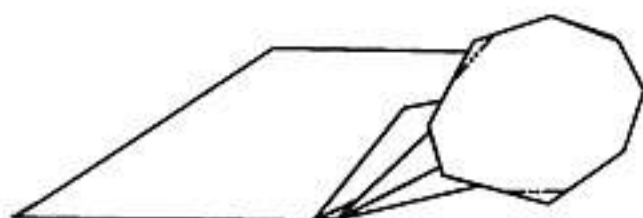
24. Focus view- upper end



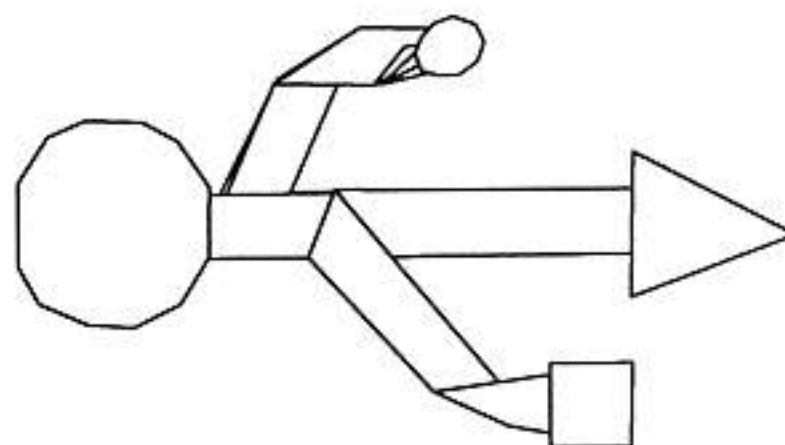
25. Mountain folds



26. Mountain fold to shape the upper end



27. Finished



FRAME BOX: CLOSED BACK

Intermediate

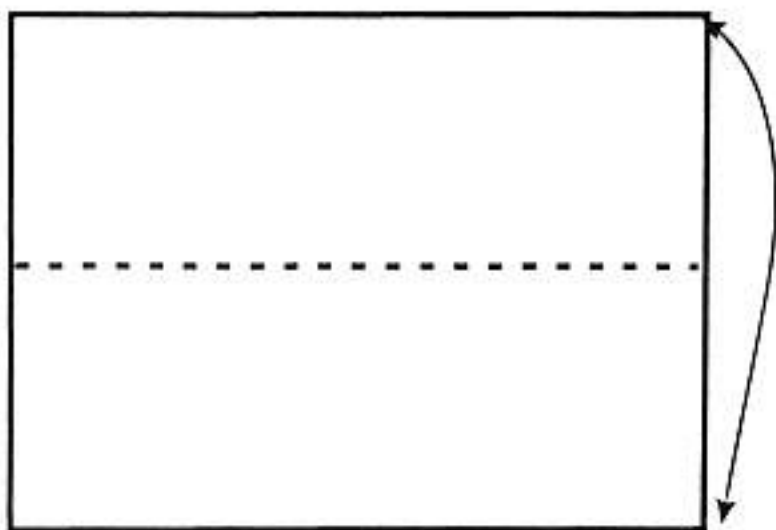
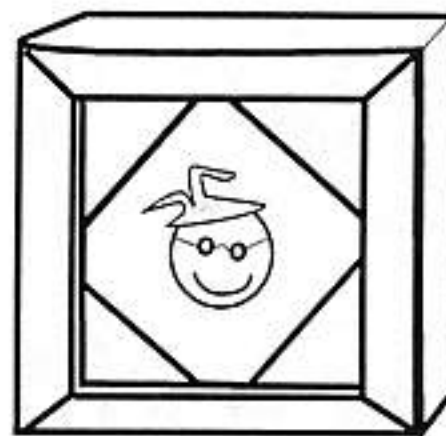
V'Ann Cornelius

©2001 - California

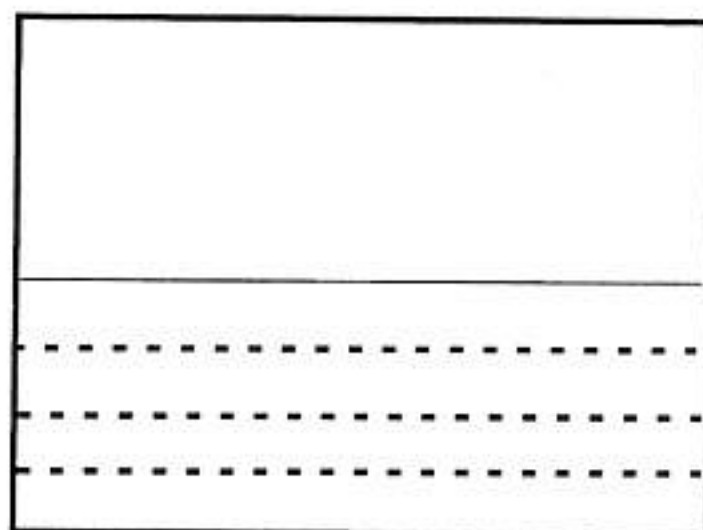
*Inspired by David Brill's SAKE BOX,
Tanteidan III, 1997.*

Made with four pieces of 8.5" x 11" paper.
Stiff paper works best. Begin with the white side up.

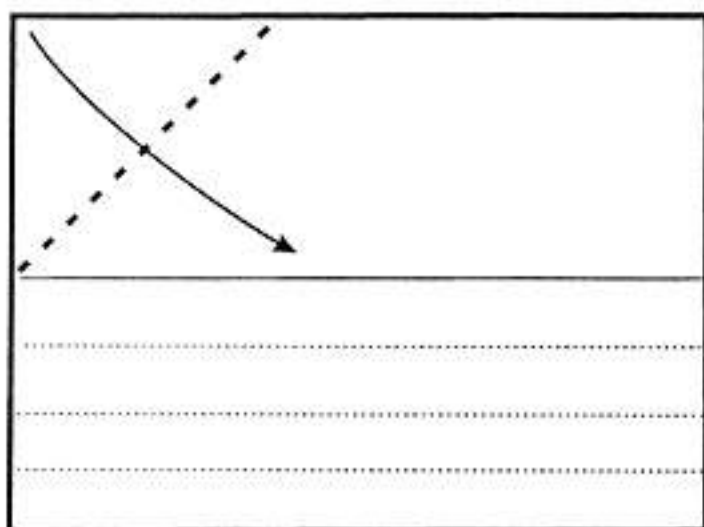
This works with any size rectangle.



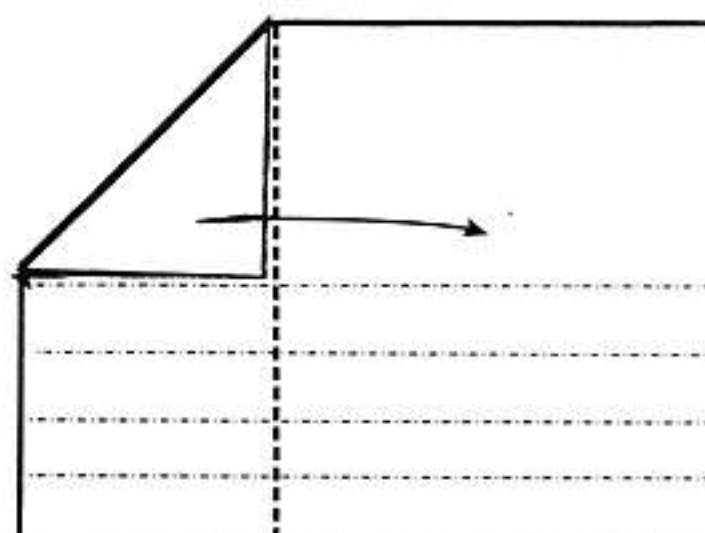
1. Fold the paper in half. Unfold.



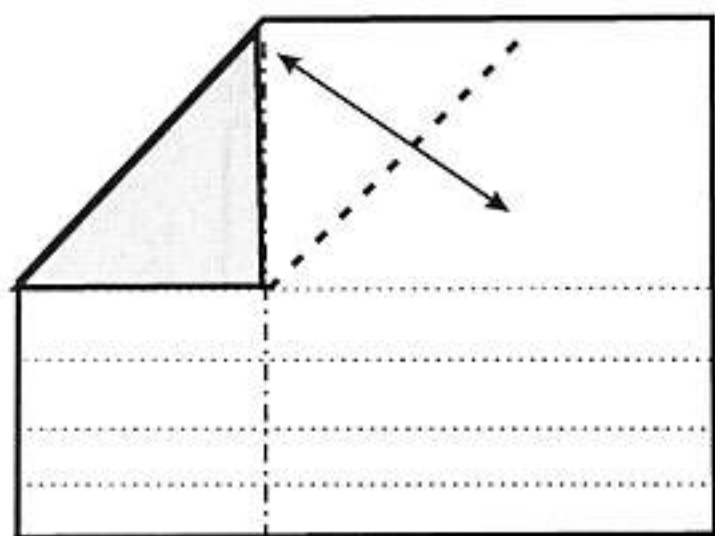
2. Fold half into four equal parts.



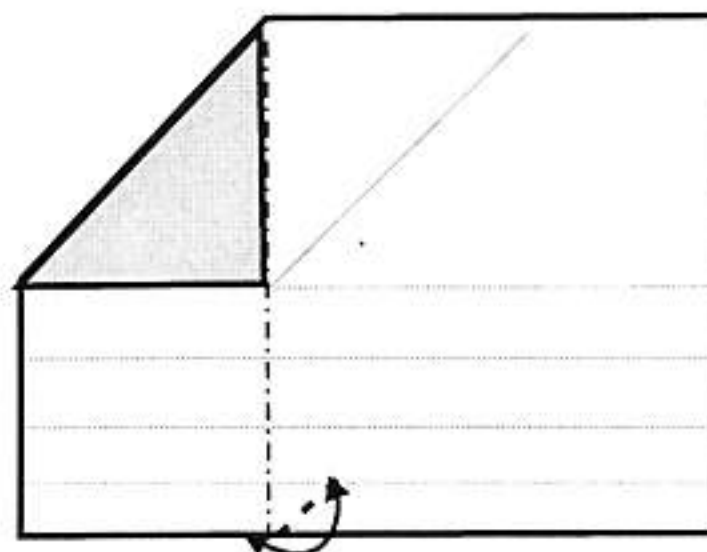
3. Fold the left corner so that the side edge lies along the center crease.



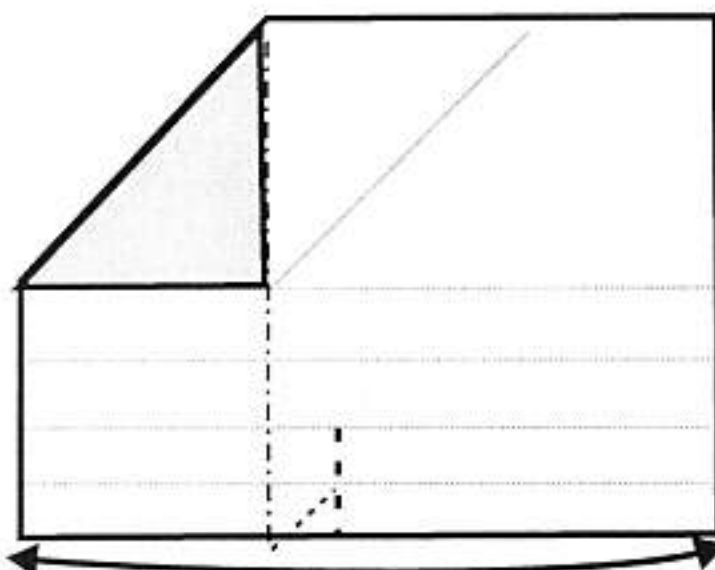
4. Use the raw edge as a guide making a valley fold as shown. Unfold.



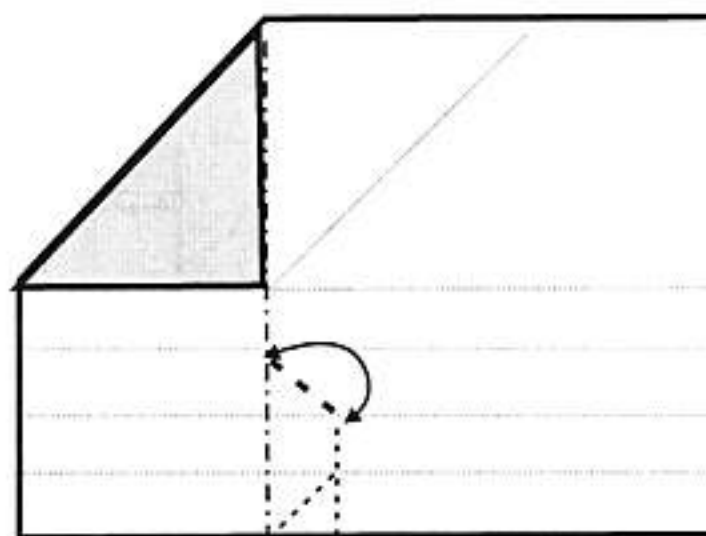
5. Reverse the new valley fold to be a mountain fold. Make a valley crease as shown. Unfold.



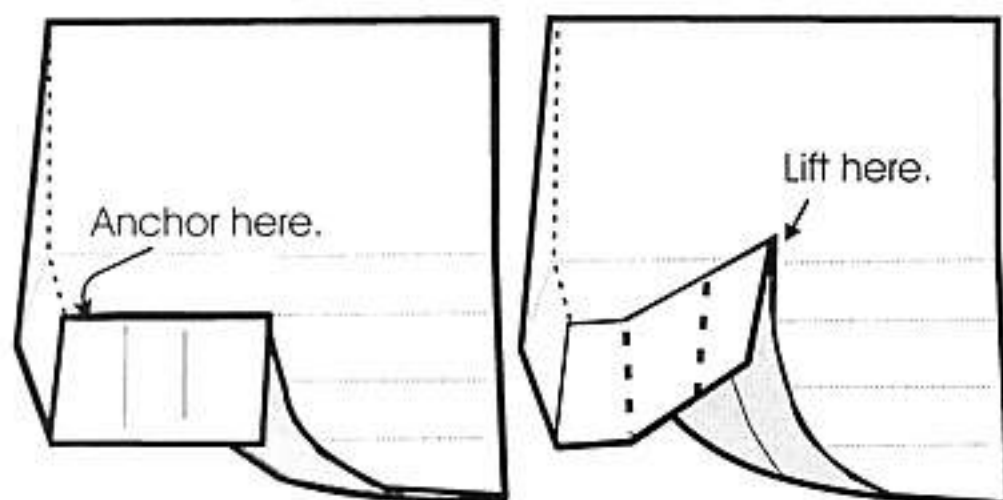
6. Pre-crease
Pivot lower edge of the paper to lie along the mountain crease. Crease only the first section. Unfold.



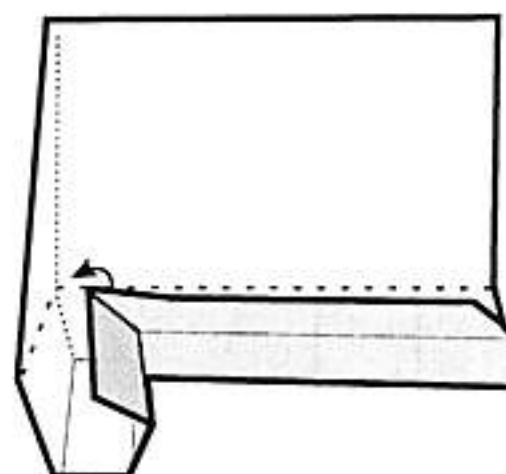
7. Pre-crease.
Fold left edge over, pivoting at the point of the second valley crease. Crease through two sections. Unfold



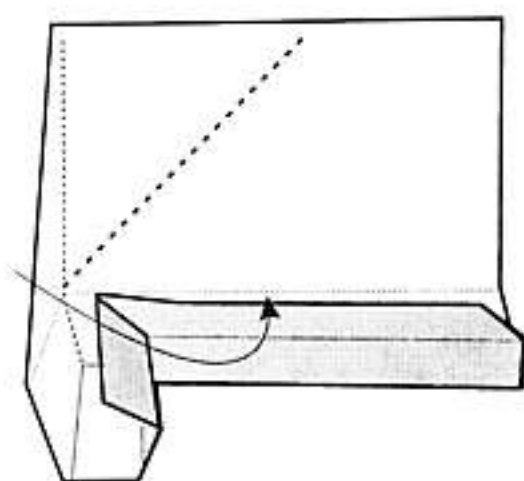
8. Pre-crease.
Fold top edge over so that a crease can be made in the next section as shown. Unfold.



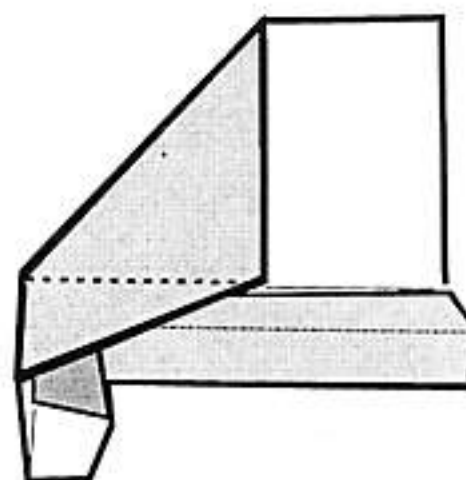
9. Lie the mountain fold from the short side on the valley crease on the longer side. Push on the creases made in step 6, 7 and 8 in order. The creases will shape the frame.



10. Square the corner, fitting it to the back.



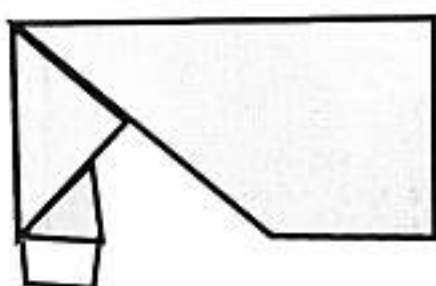
11. Lie the short side along the base using existing creases.



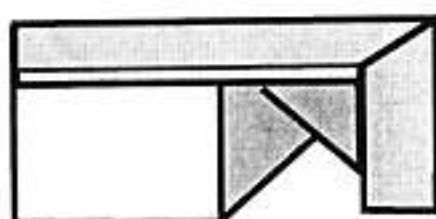
12. Bring the whole backing flat.

One unit. Make four.

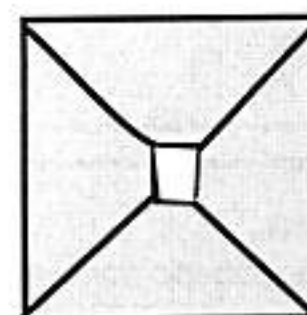
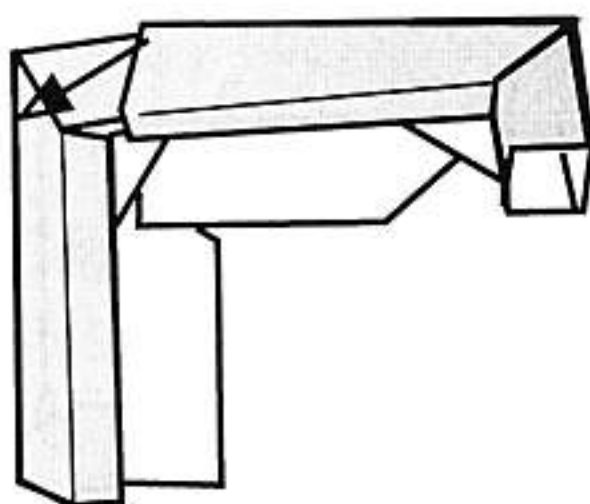
View from underneath



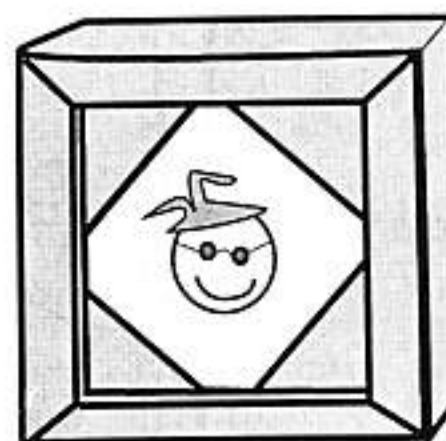
View from the top



Connecting: Slide short end inside longer side.
Slide long side all the way under the 'mitered' corner.



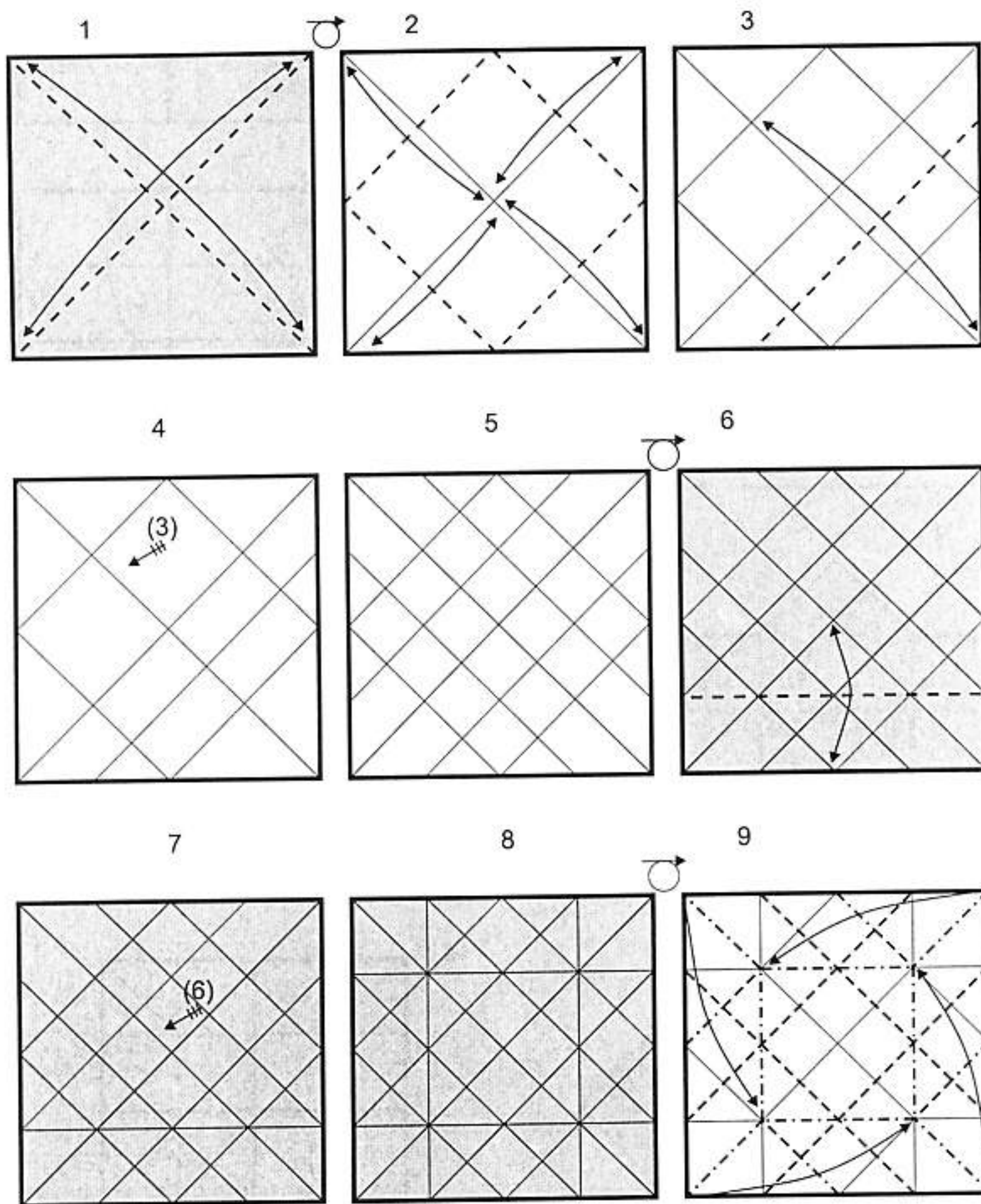
Back

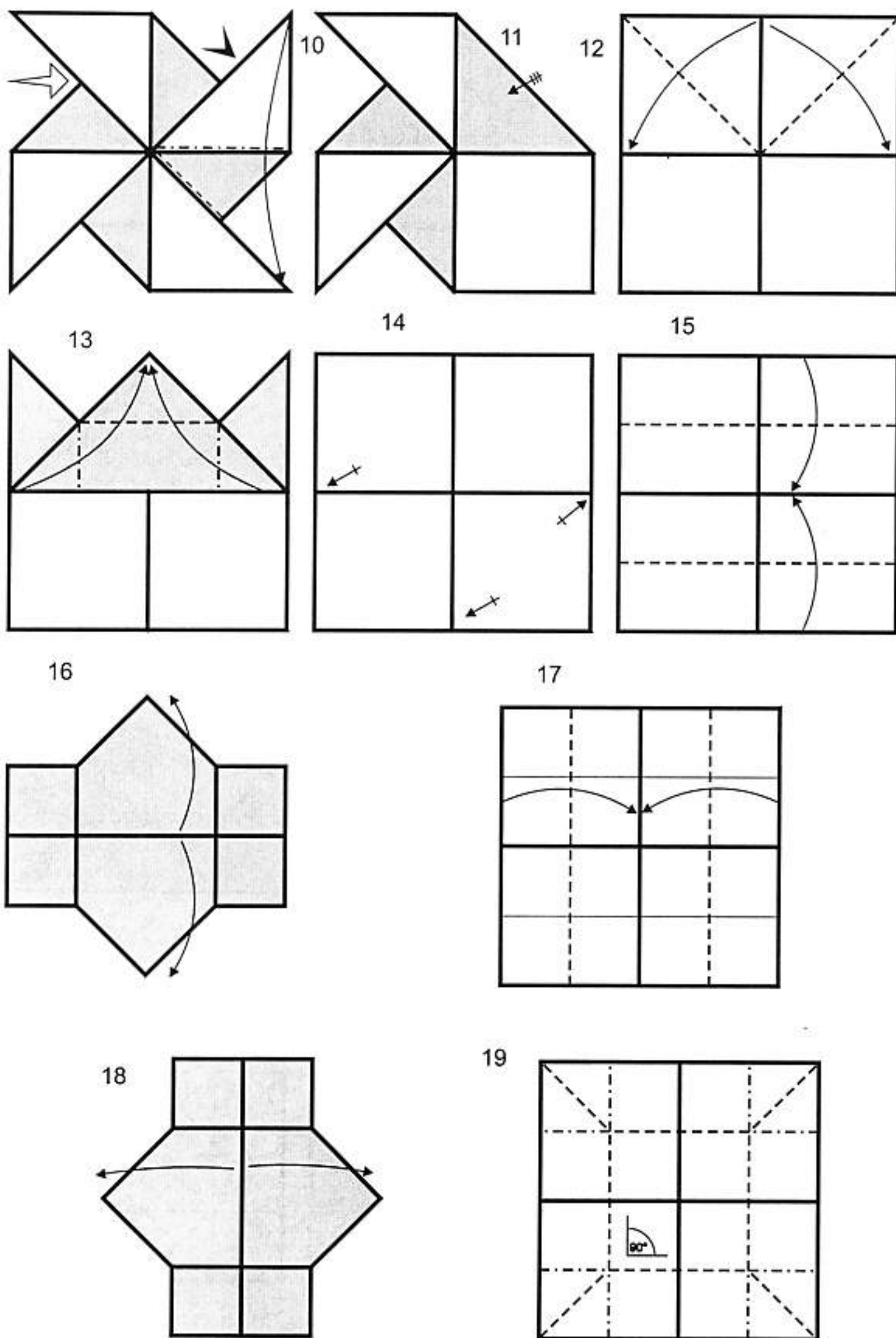


Front

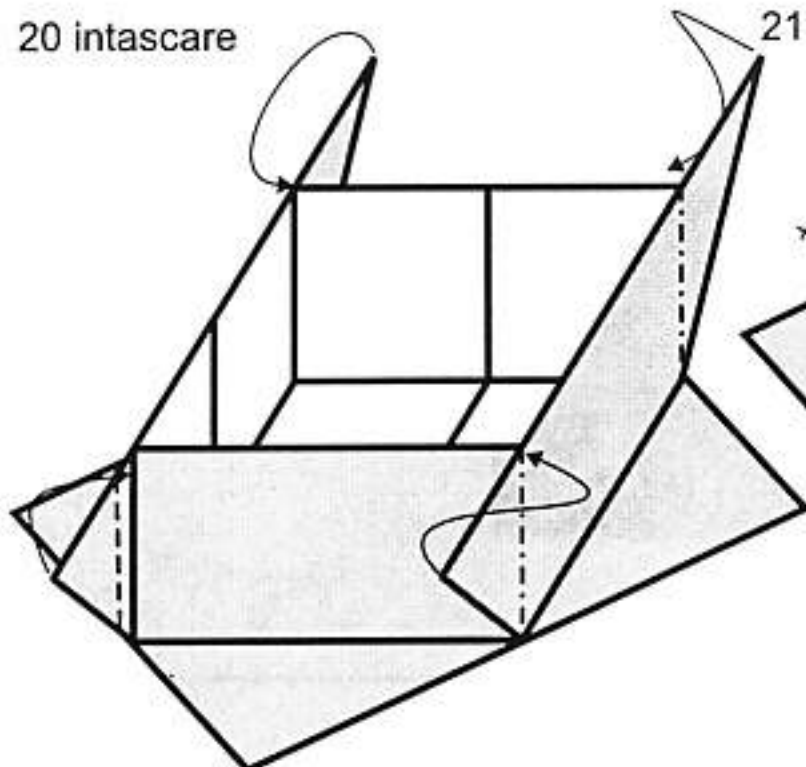
Note: John Andrisan has demonstrated the ability to change the angle to create hexagonal and pentangular frames.

Lift back flaps to insert a picture.
Re-close the flaps.

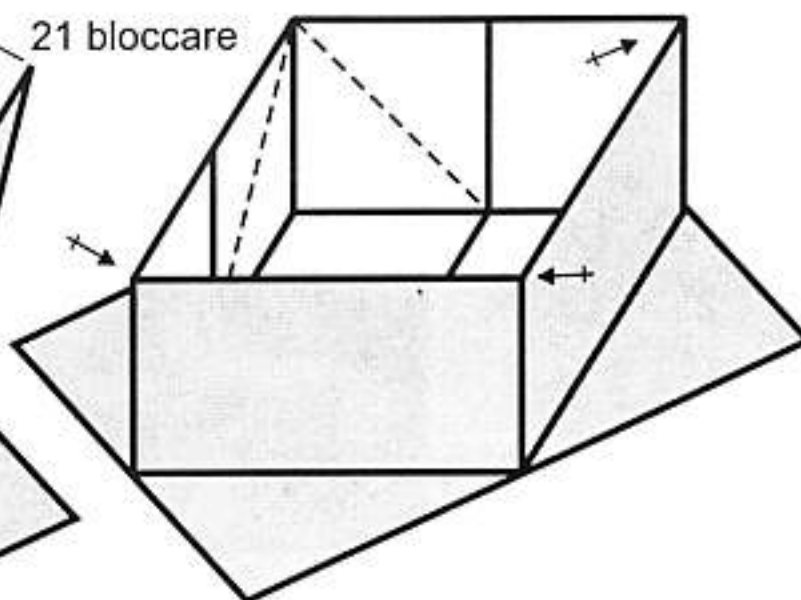




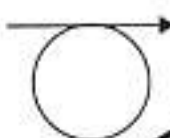
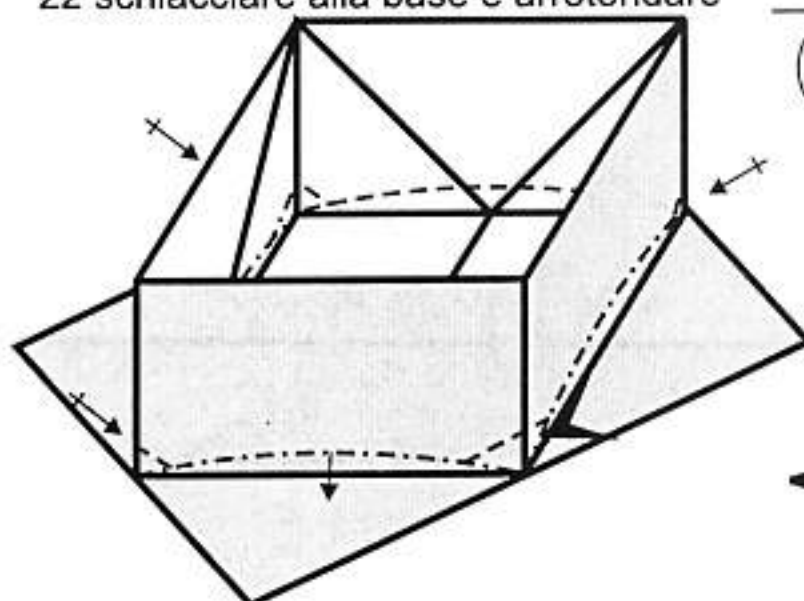
20 intascare



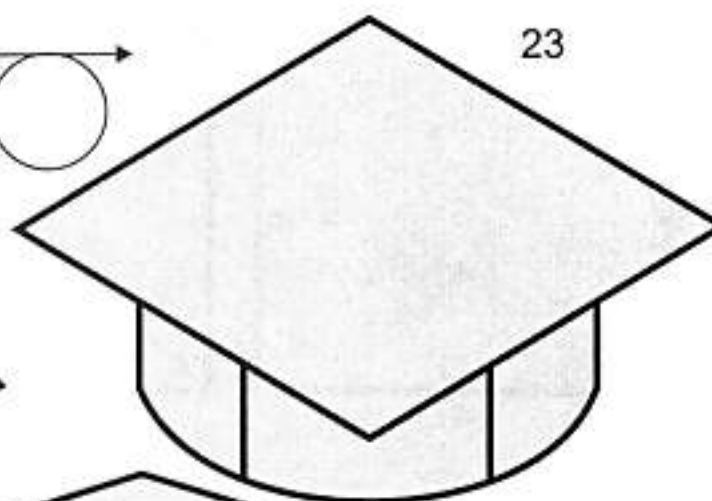
21 bloccare



22 schiacciare alla base e arrotondare



23



Tra laureati

Ma quando vai al bagno, leggi?

No! Almeno per quello non ho bisogno della teoria



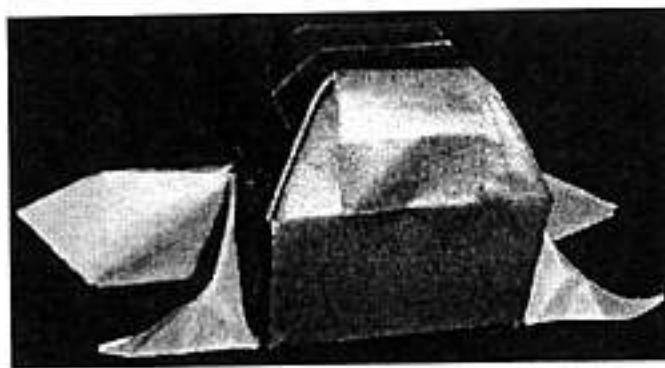
Questo modello
è dedicato al
dottore Stefano

TURTLE (TARTARUGA SCATOLA)

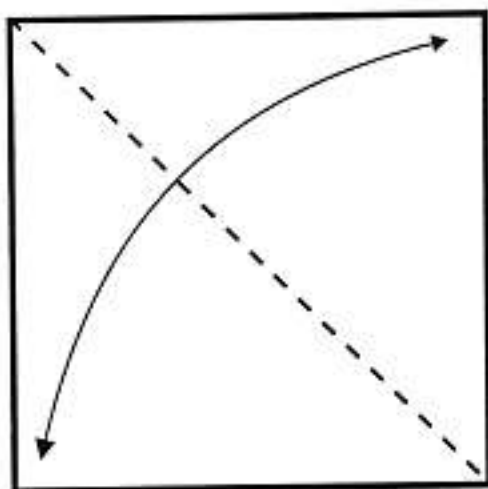
High Intermediate

Pasquale D'Auria

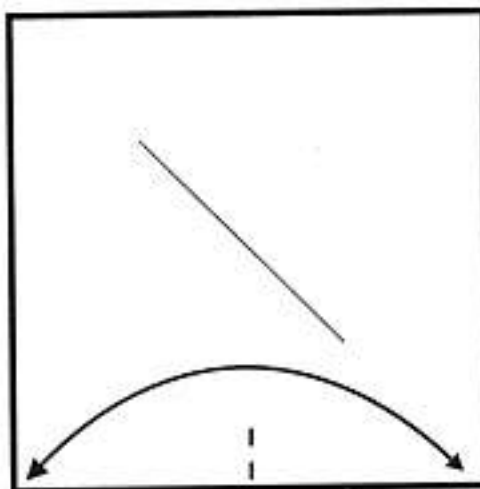
©2005 - Italy



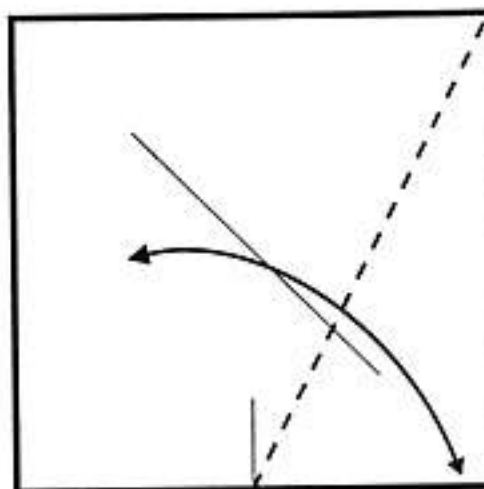
1



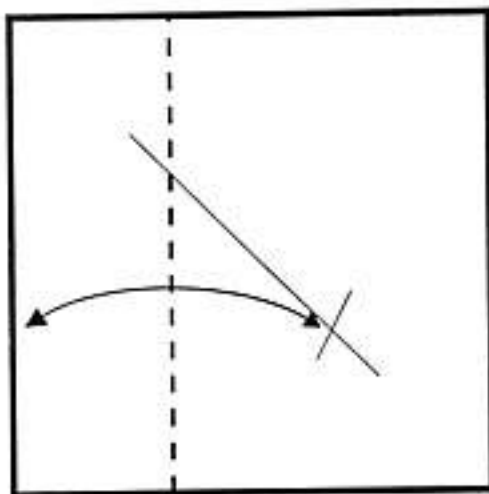
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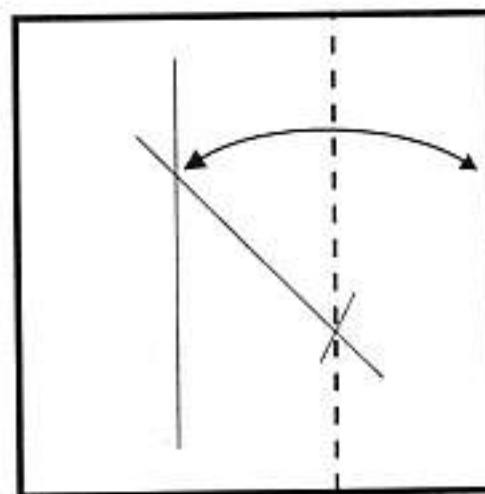
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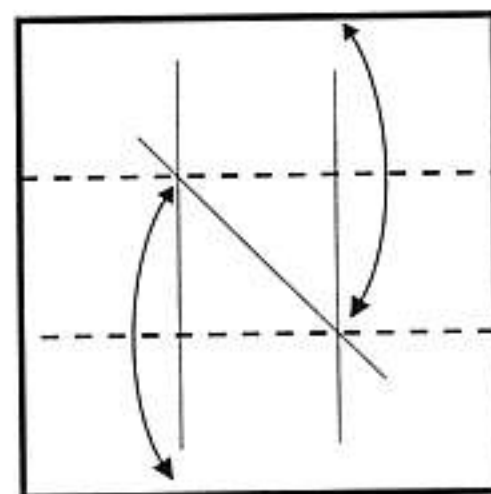
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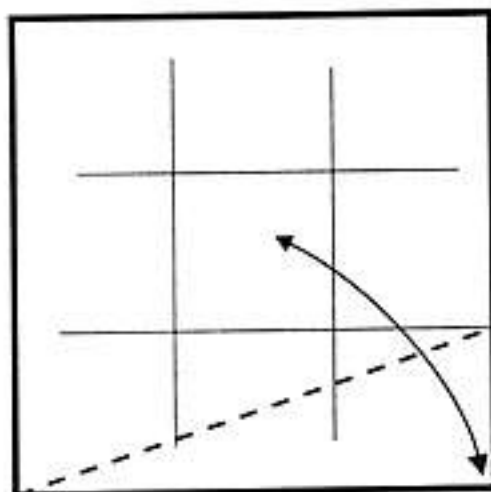
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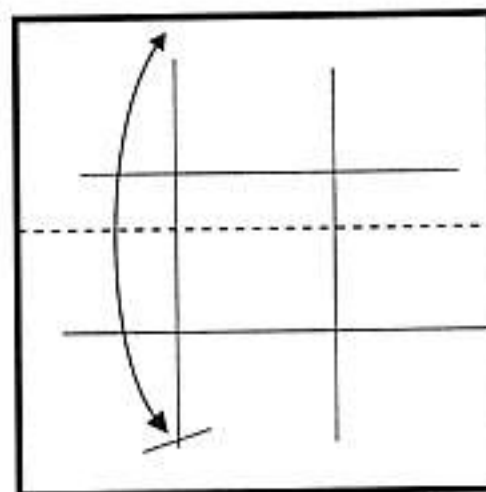
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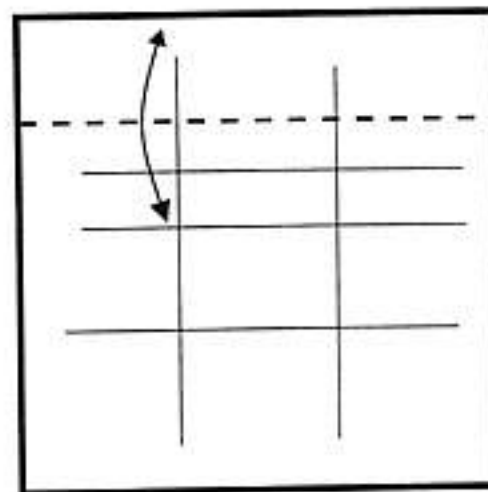
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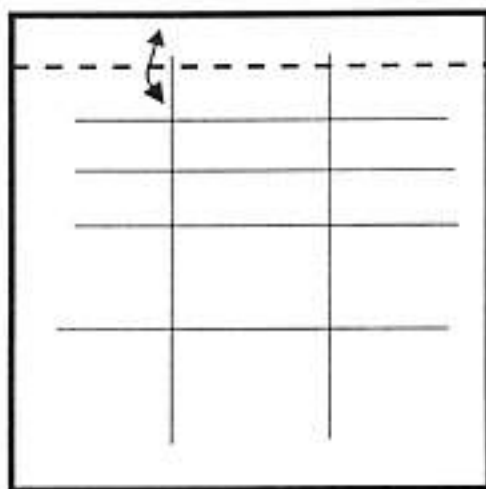
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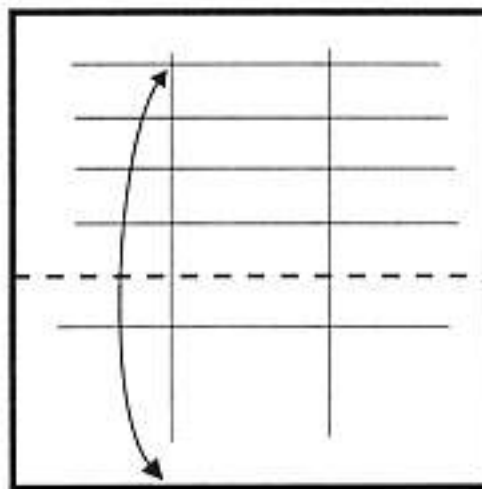
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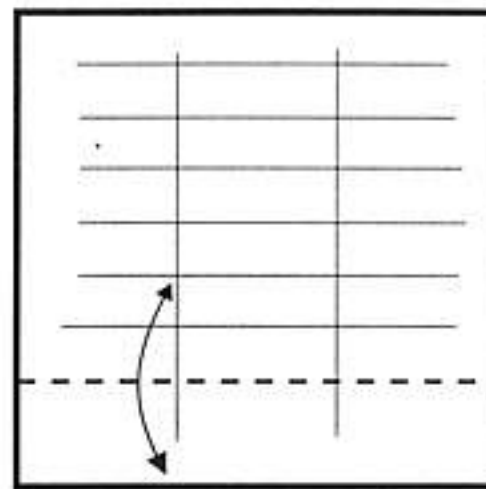
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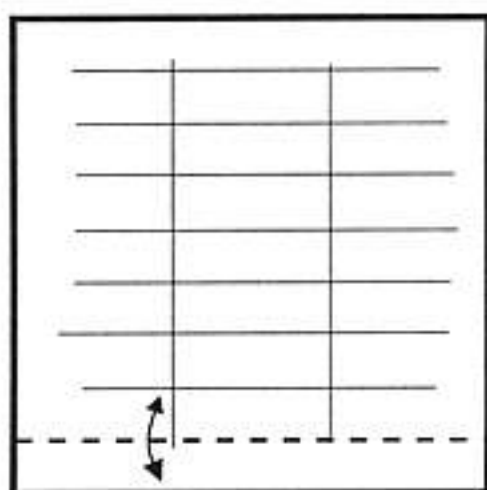
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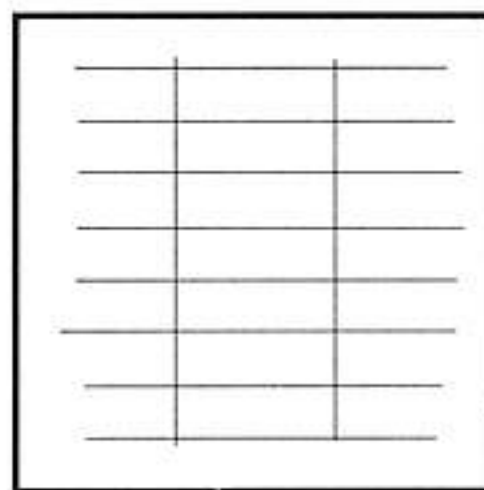
12



13



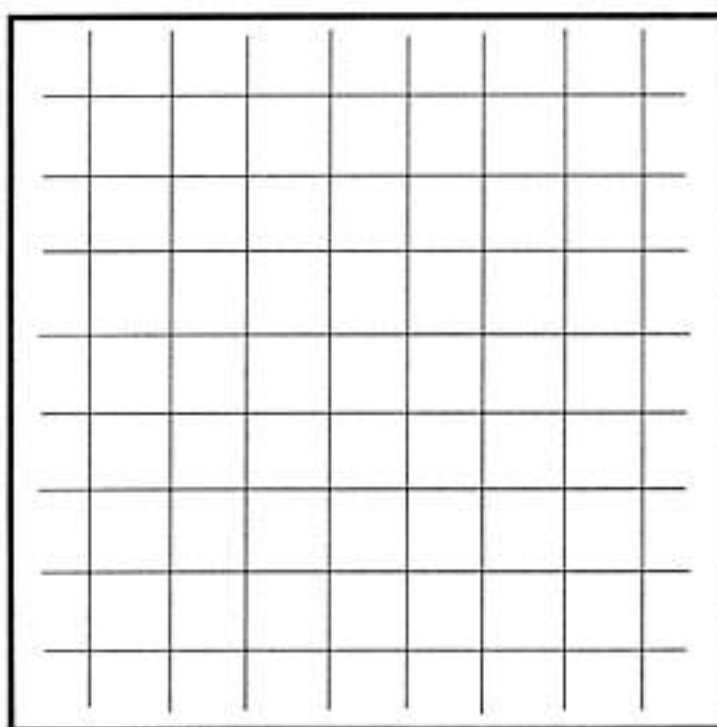
14



↑ (8/13)



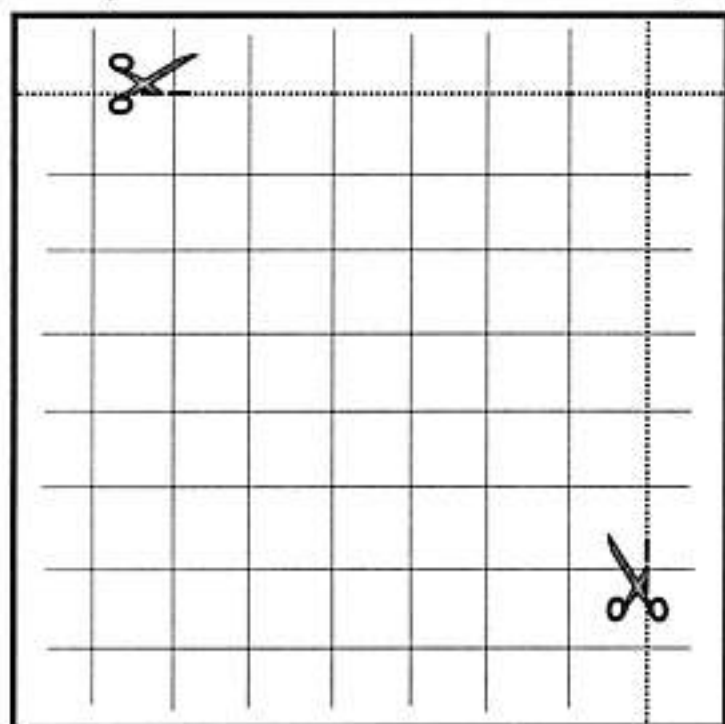
15



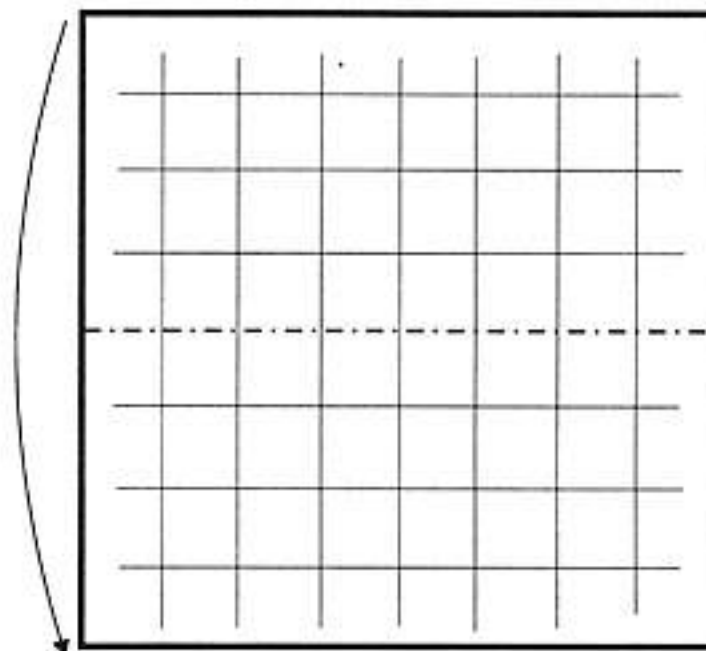
X 2

Scatola

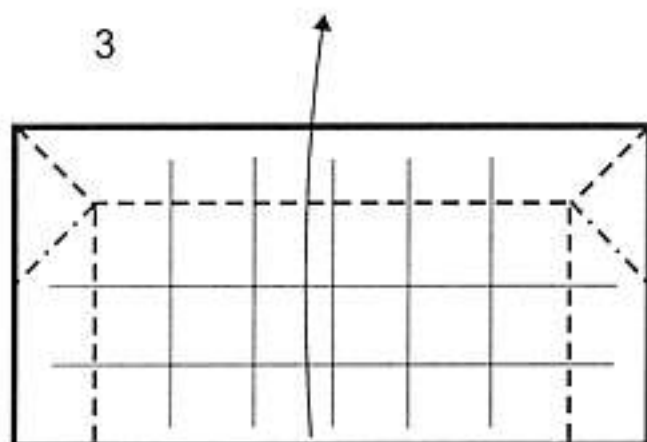
1 tagliare un nono su entrambi i lati per ottenere un quadrato 8x8



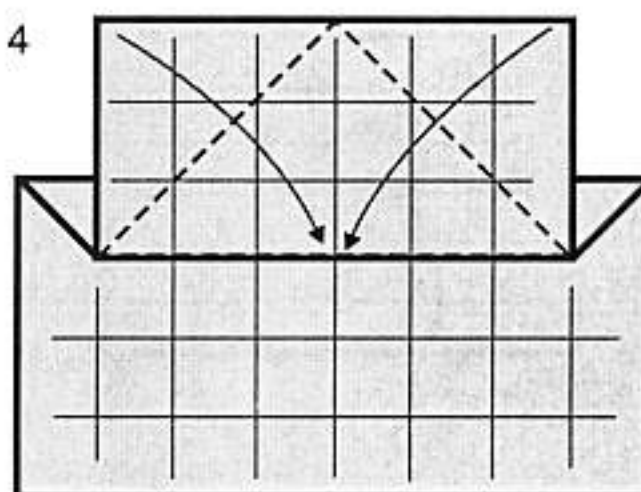
2



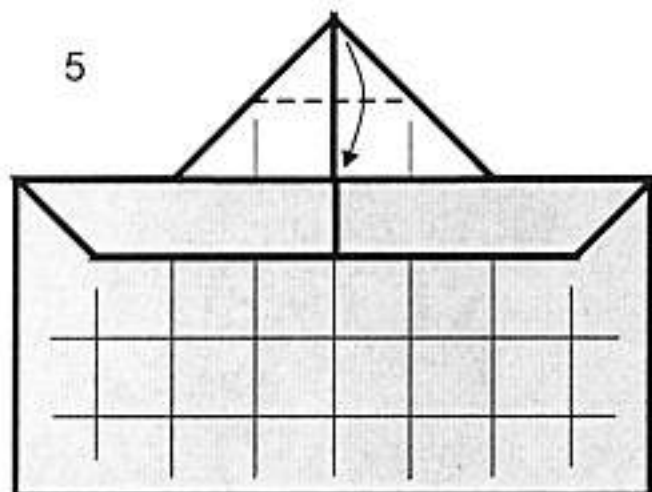
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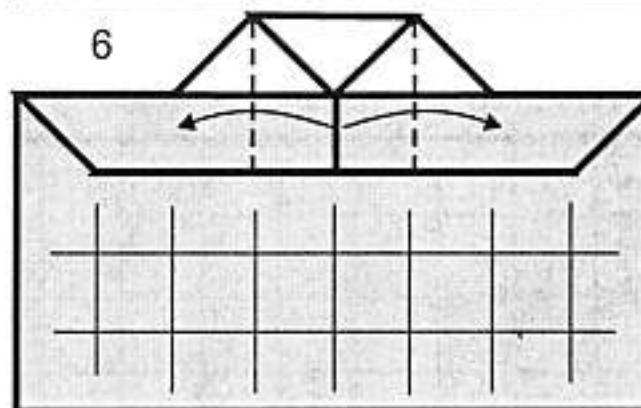
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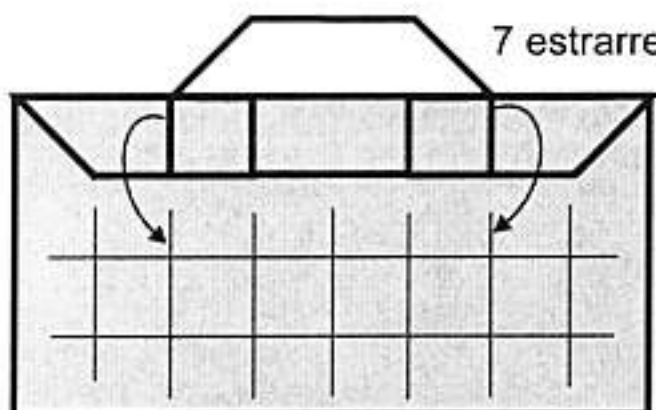
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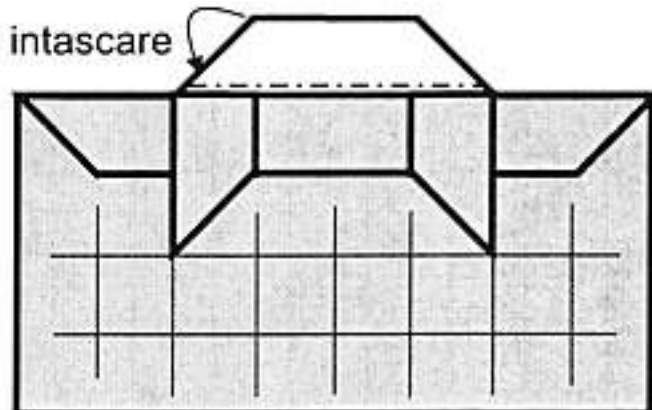
6

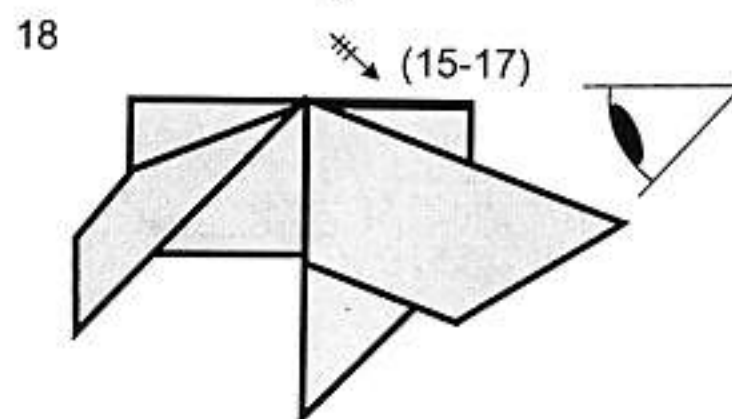
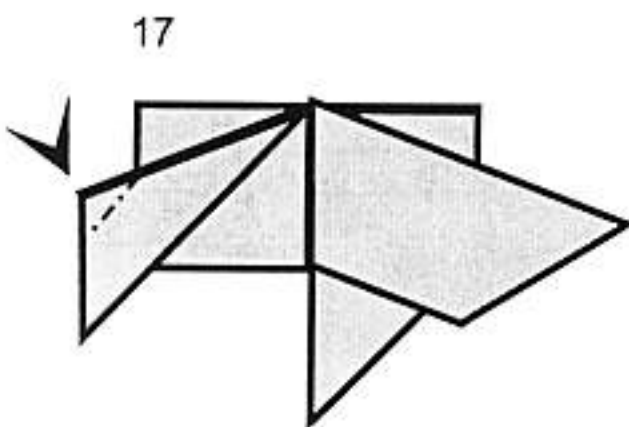
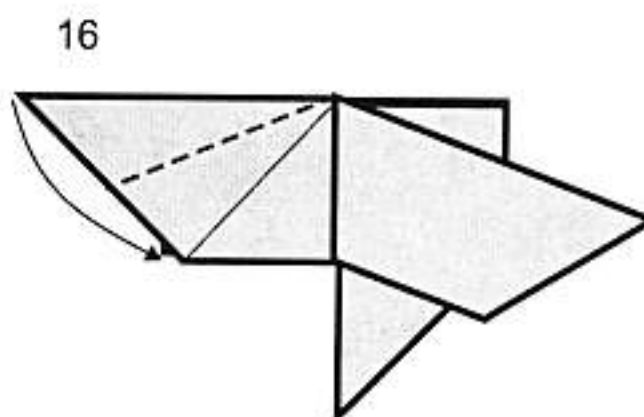
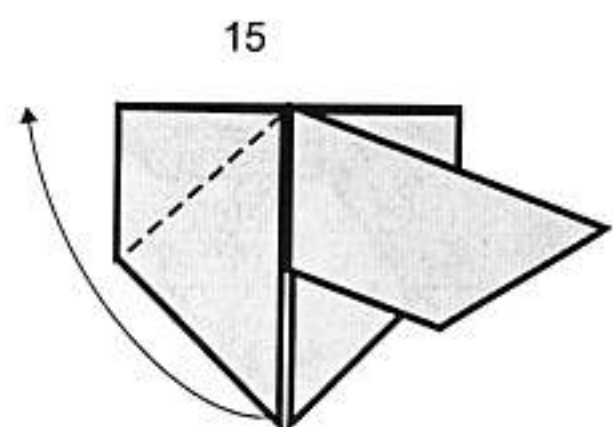
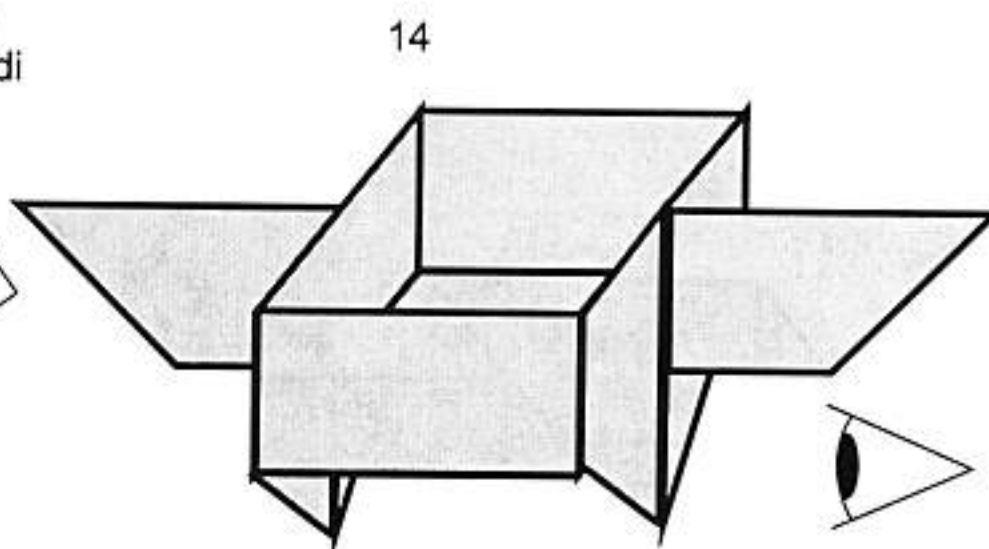
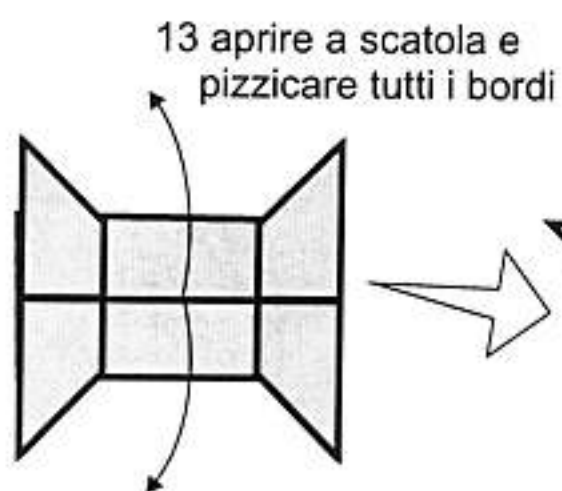
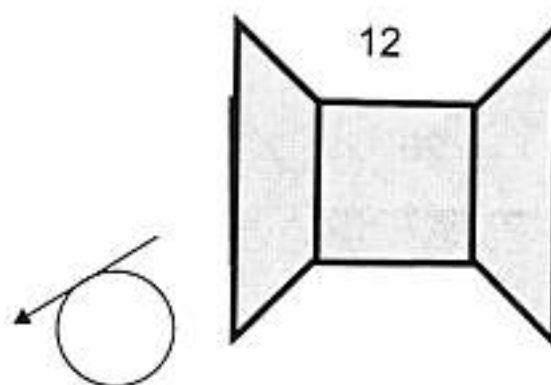
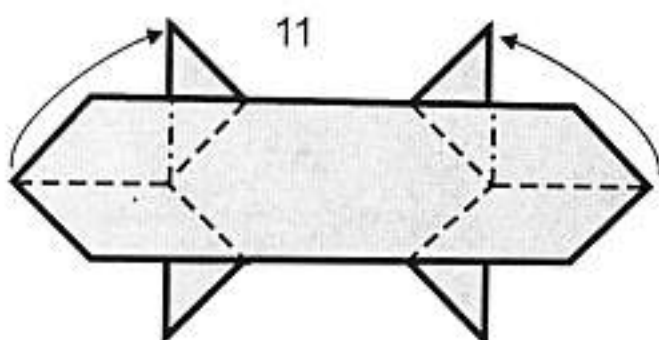
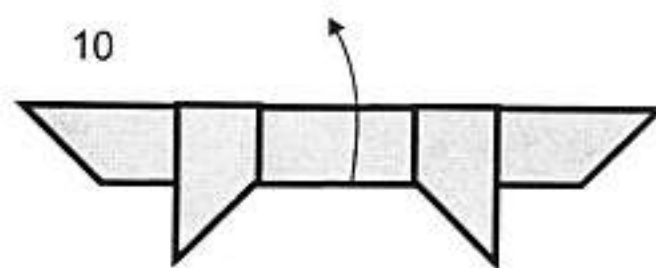
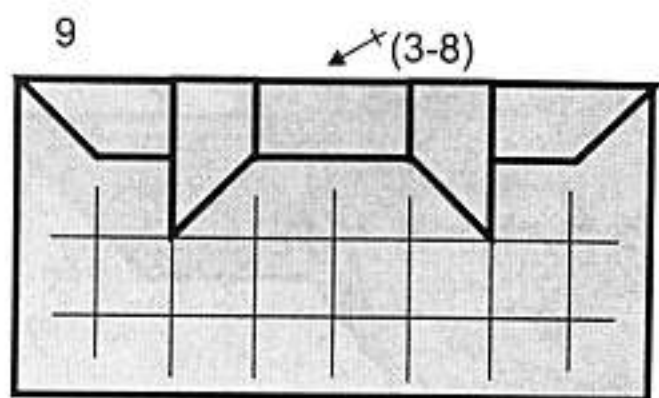


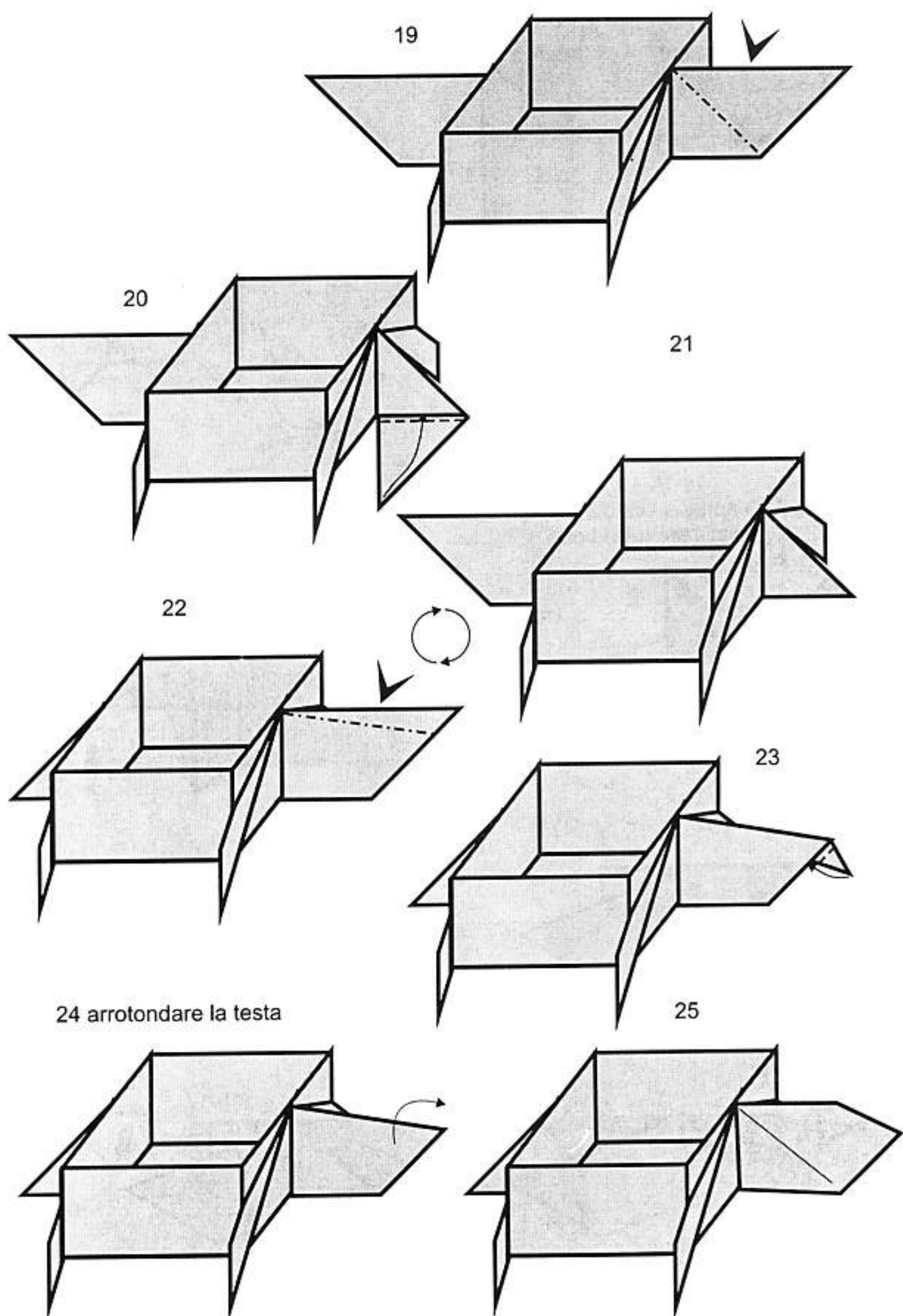
7 estrarre



8 intascare

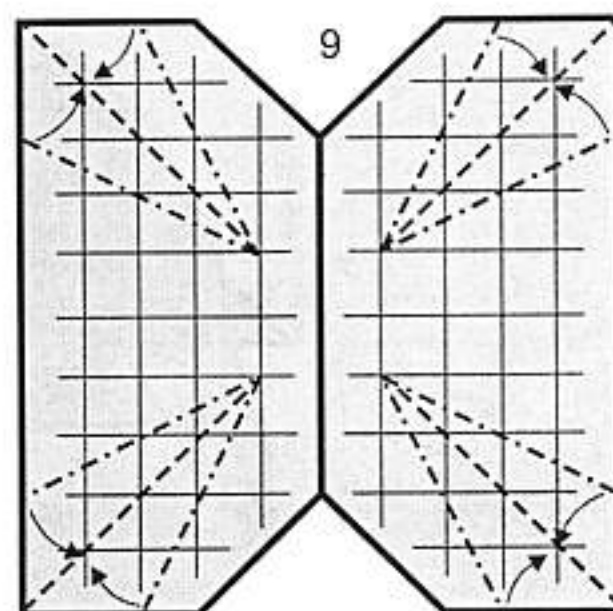
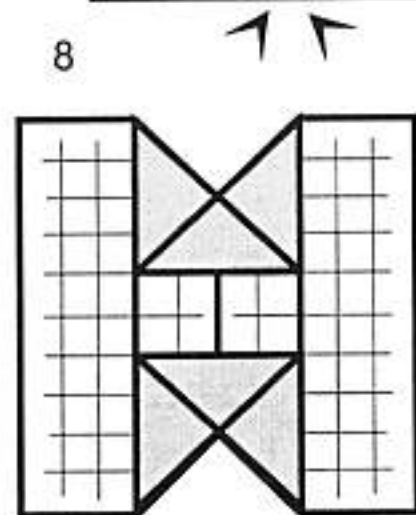
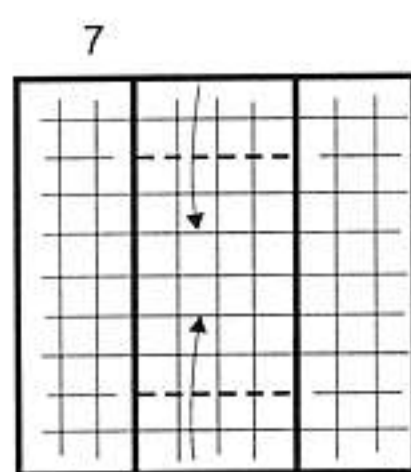
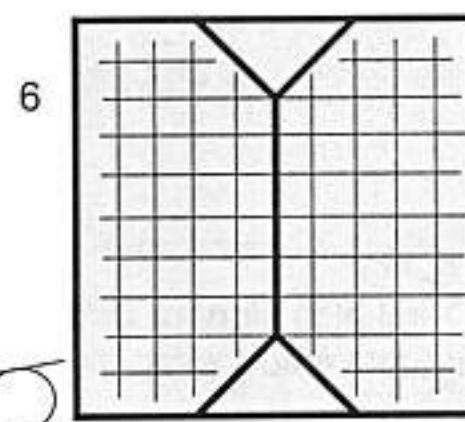
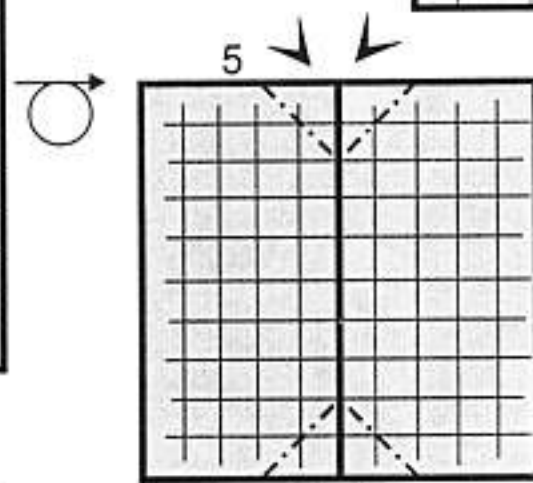
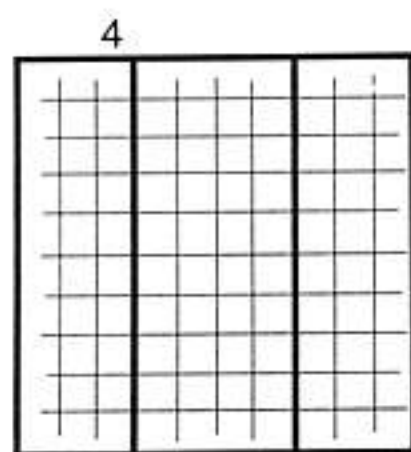
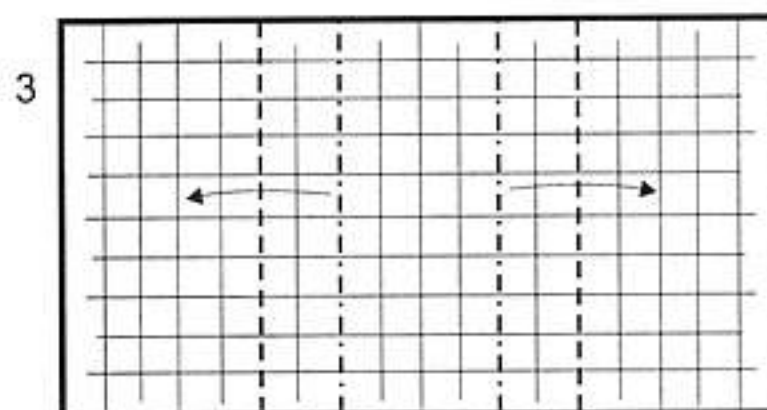
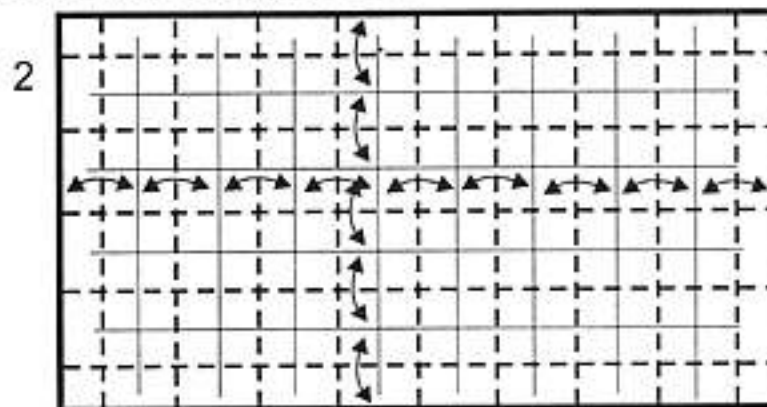
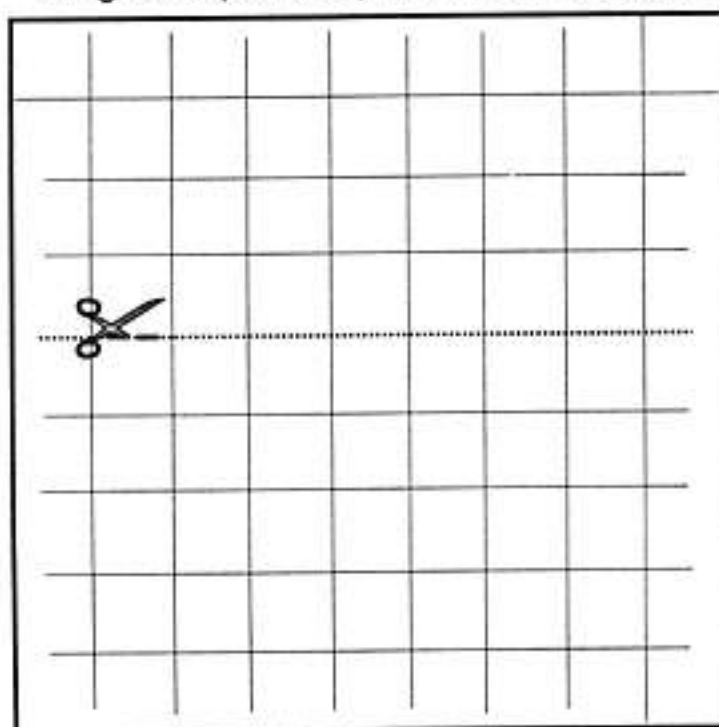


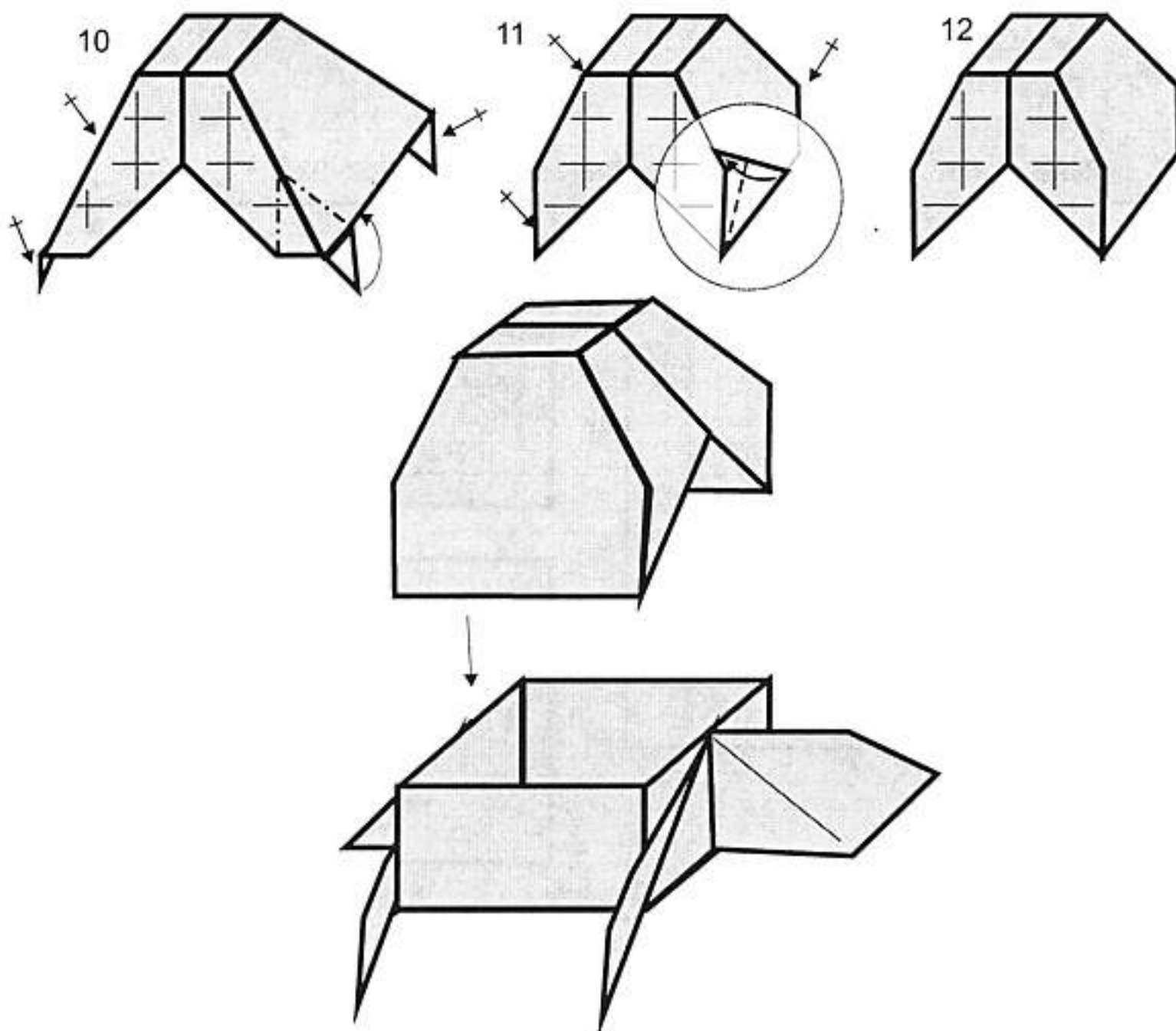


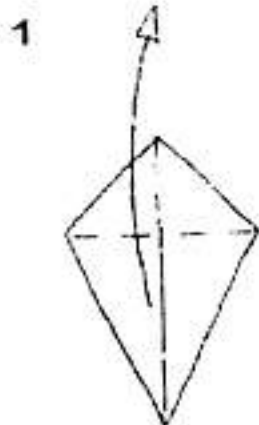


Coperchio

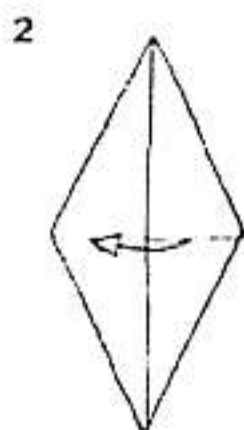
1 tagliare quattro quinti da un lato per ottenere un rettangolo 9x5



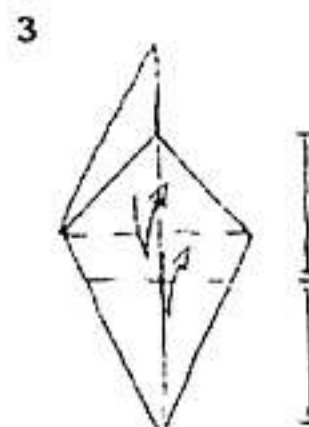




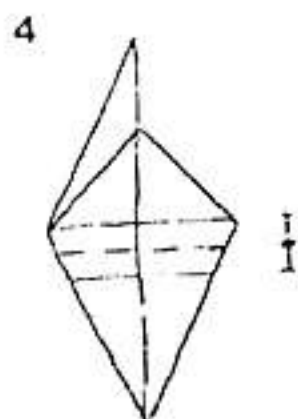
Start with a bird base. Valley fold one layer upward.



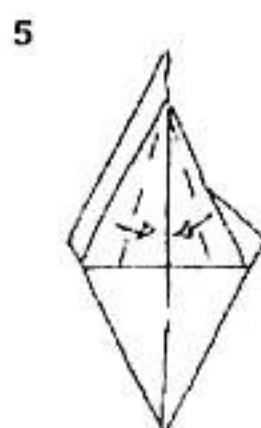
Valley fold one layer to the left.



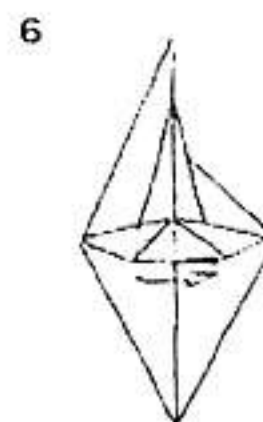
Fold and unfold as indicated



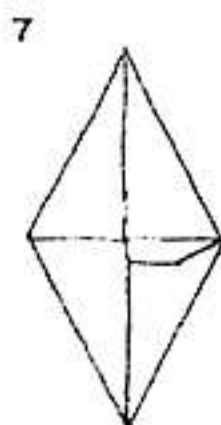
Valley fold the layer upward in the middle between the creases made in step 3.



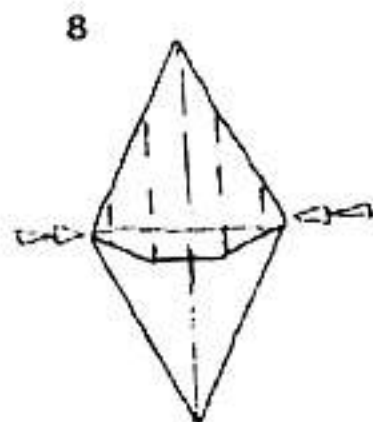
Narrow the tip (squash fold at the bottom).



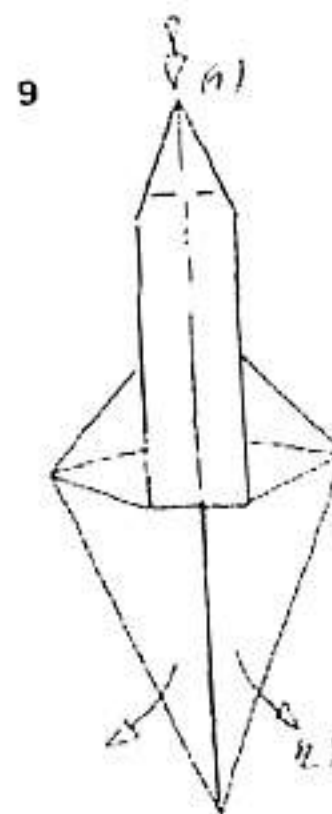
Fold one layer back to the right.



Repeat steps 4-6 at the left.

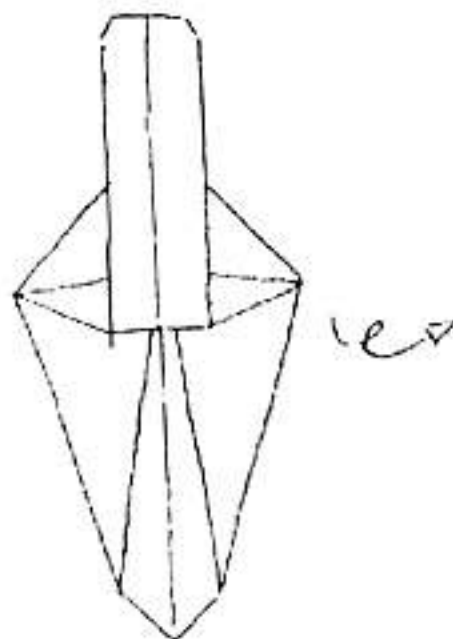


Sink in and out as indicated



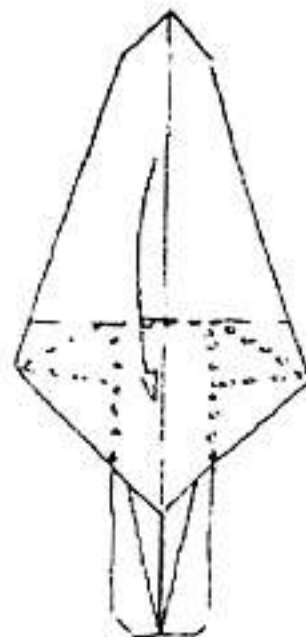
(1) Sink.
(2) Pull open to broaden the tip.

10



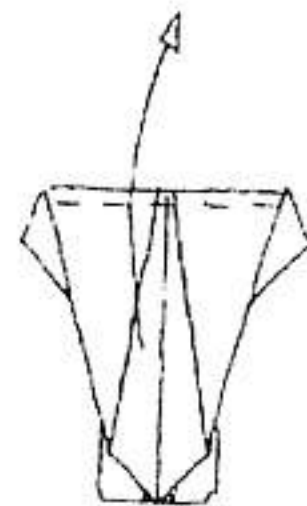
Turn over

11



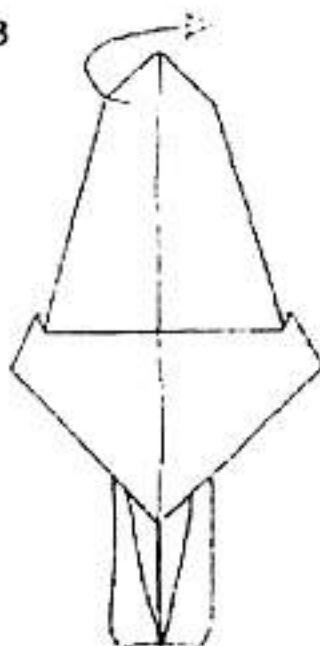
Valley- fold the flap downward.
The dotted line indicates
where layers at the back are
located

12



Fold the flap back upward

13



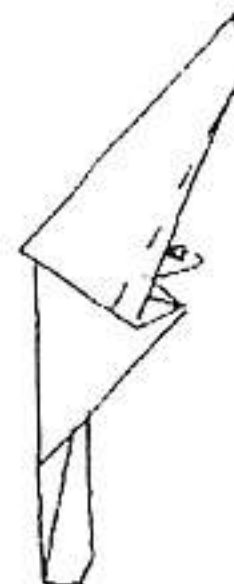
Fold in half

14



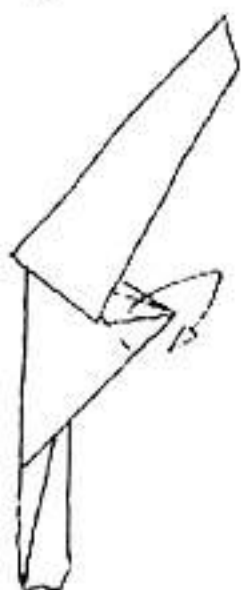
Slide the point to the right and
squash- fold at the bottom

15



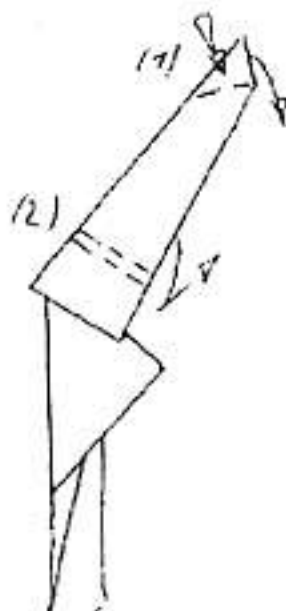
Mountain- fold to narrow the
tip. Repeat behind.

16



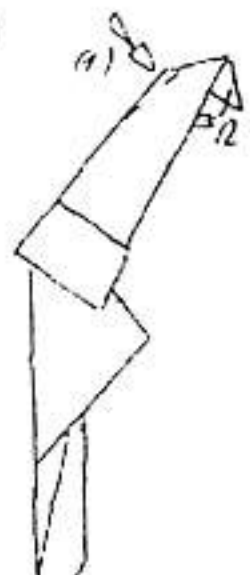
Mountain- fold. Repeat be-
hind

17



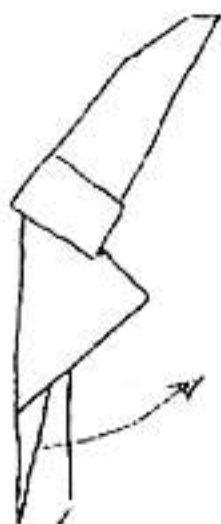
(1) Reverse- fold.
(2) Reverse- fold in and out.

18



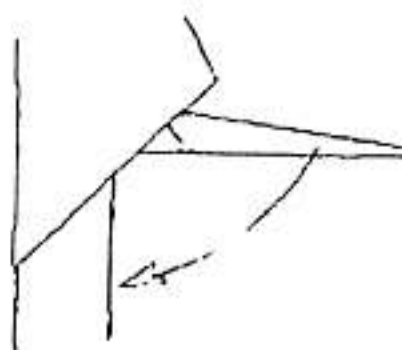
(1) Closed- sink
(2) Valley- fold the point inside

19



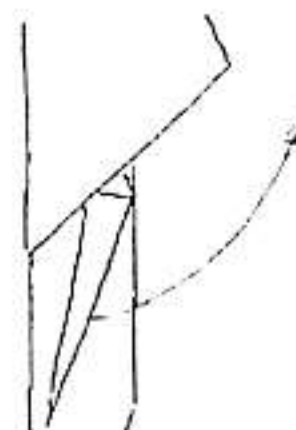
Reverse fold the tip to the
right. Repeat behind

20



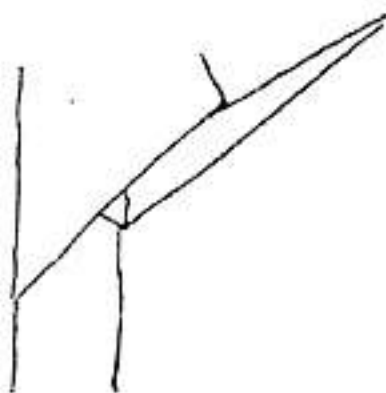
Reverse- fold downward. Re-
peat behind

21



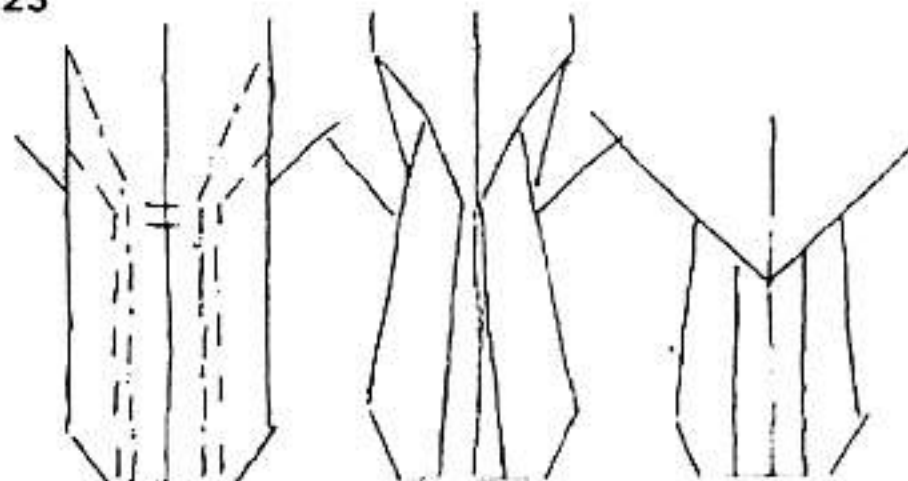
Reverse- fold to the right. Repeat
behind.

22

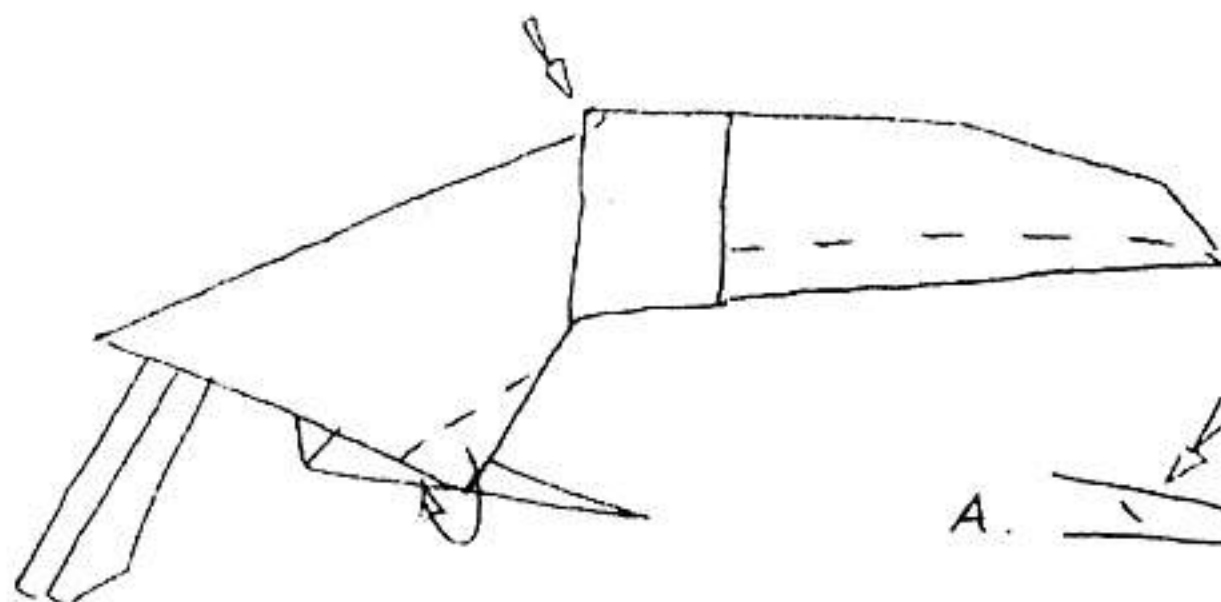


Like this.

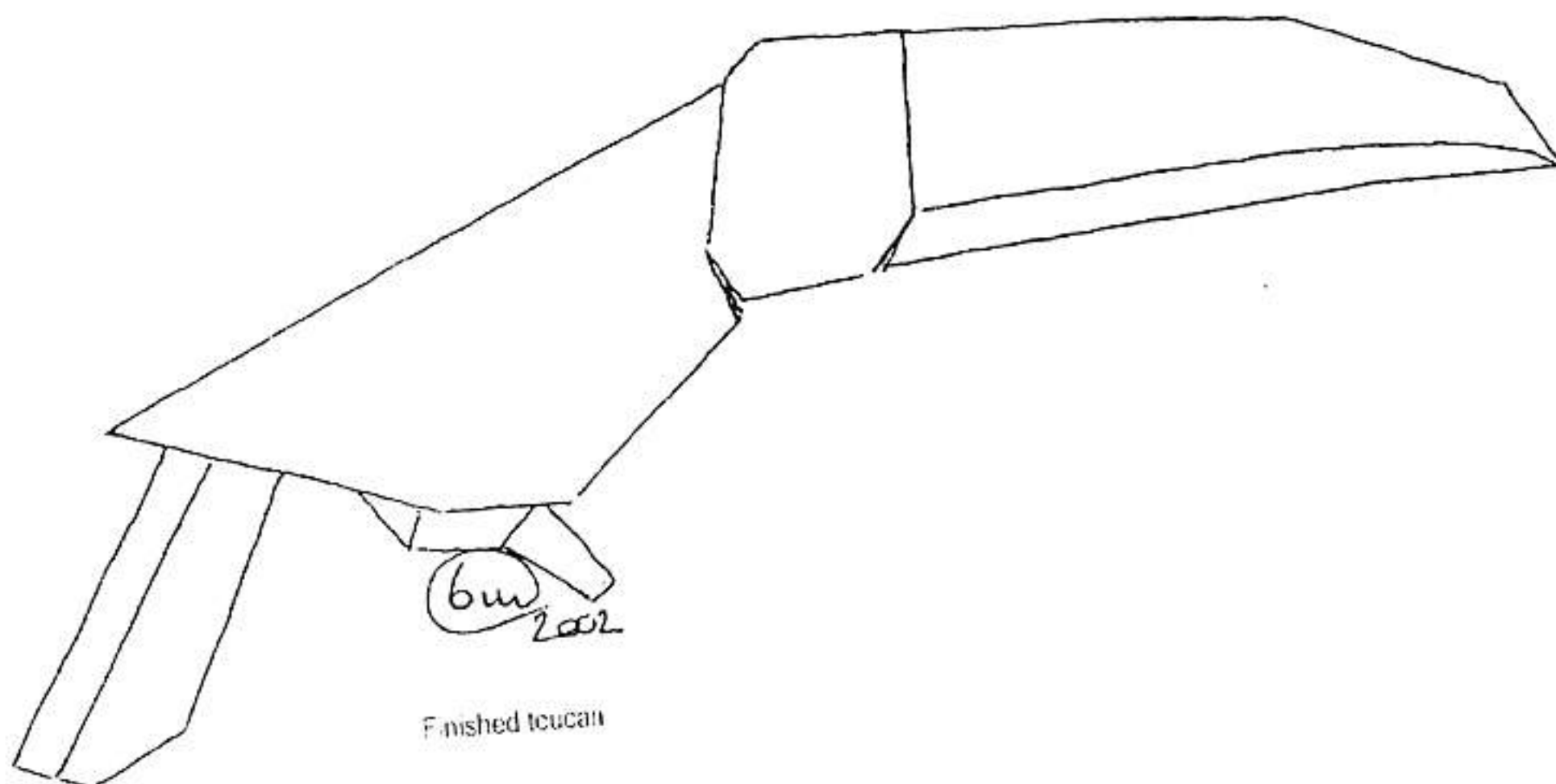
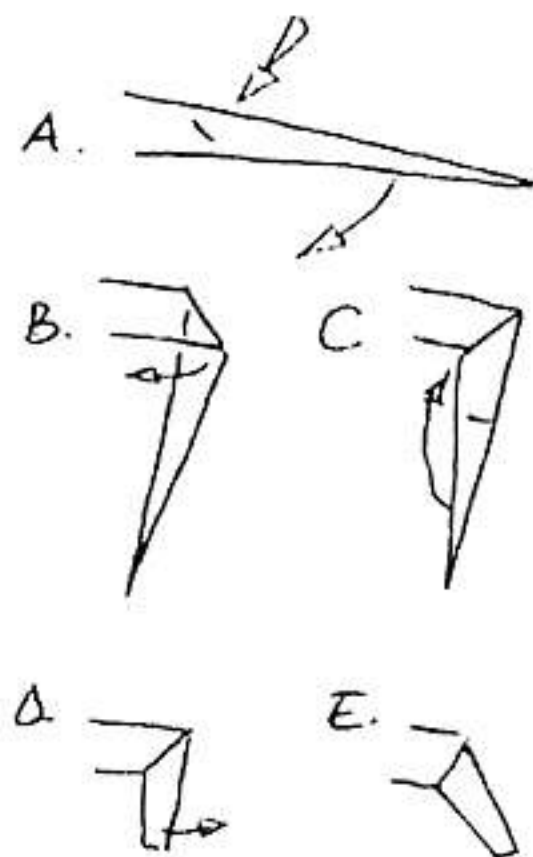
23



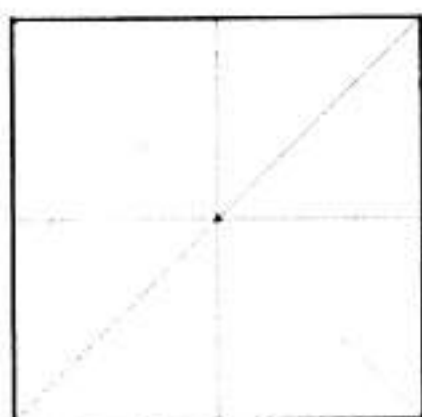
Fold as indicated to form the tail. These are drawings of the result, inside (left) and outside (right).



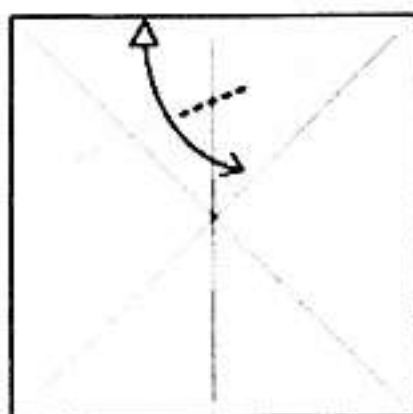
Final shaping of the beak, head, body.
 Reverse- fold at the top of the head.
 Mountain- fold to round the body. Repeat behind.
 Pinch at the beak. Repeat behind.
 Formation of the feet
 A. Reverse- fold.
 B. Valley- fold. Repeat behind.
 C. Reverse- fold inside.
 D. Slide the feet slightly upward.
 E. Finished foot.



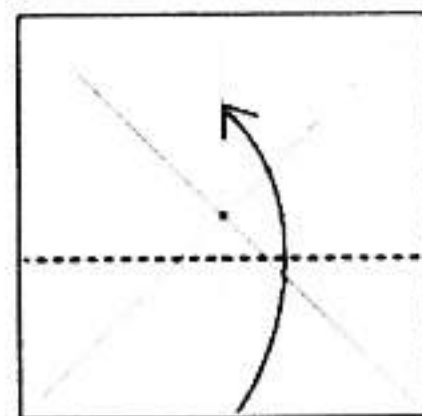
Finished toucan



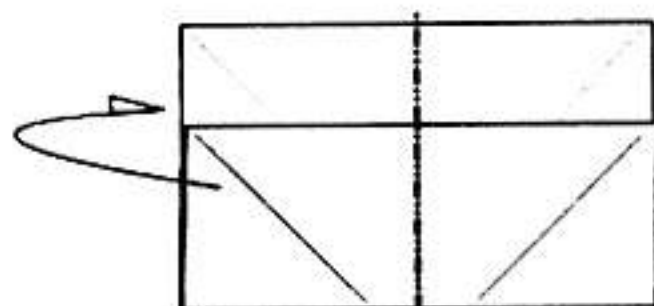
1



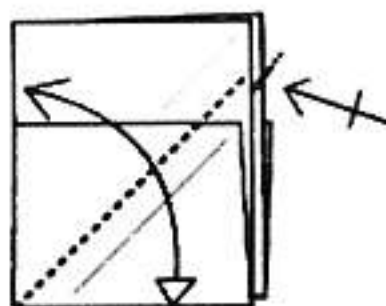
2



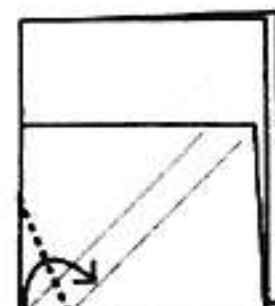
3



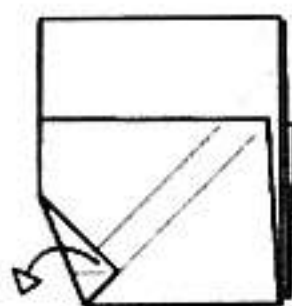
4



5



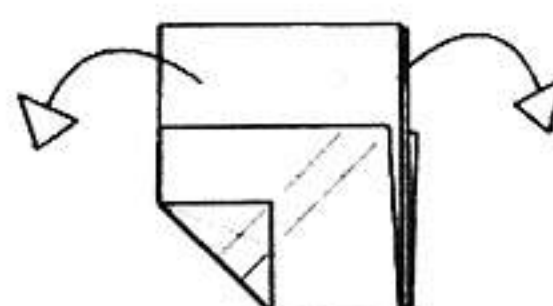
6



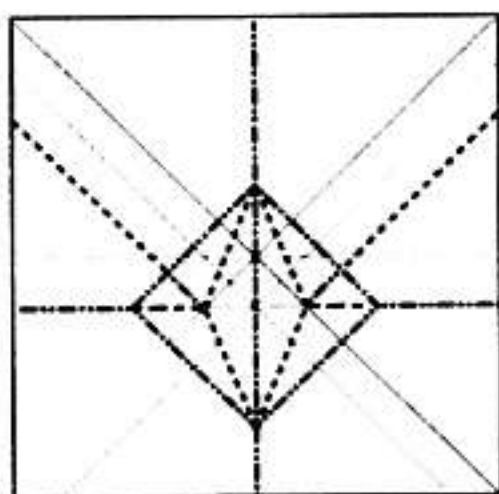
7



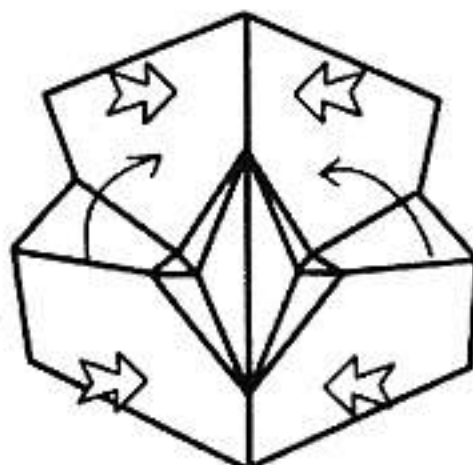
8



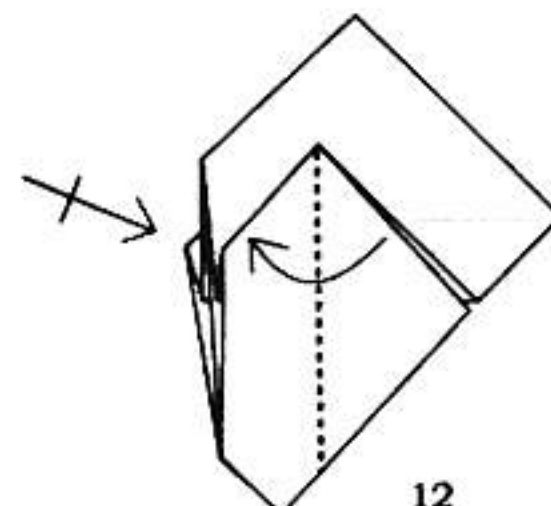
9



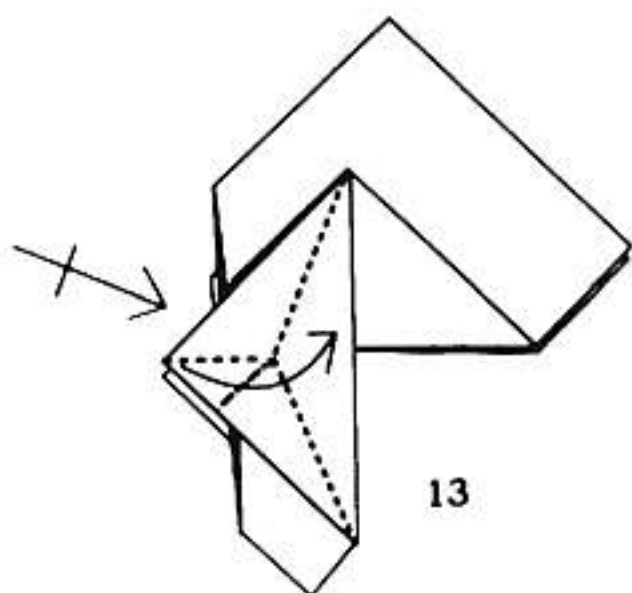
10



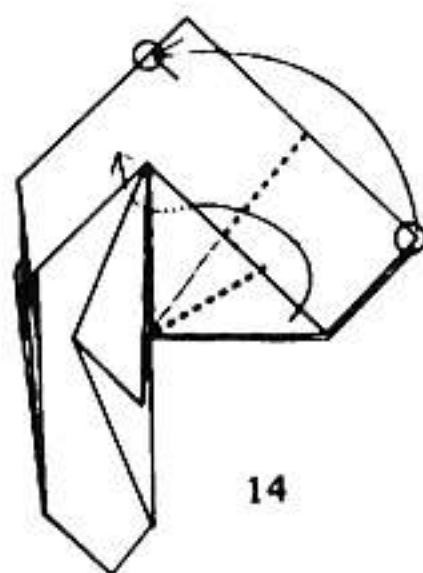
11



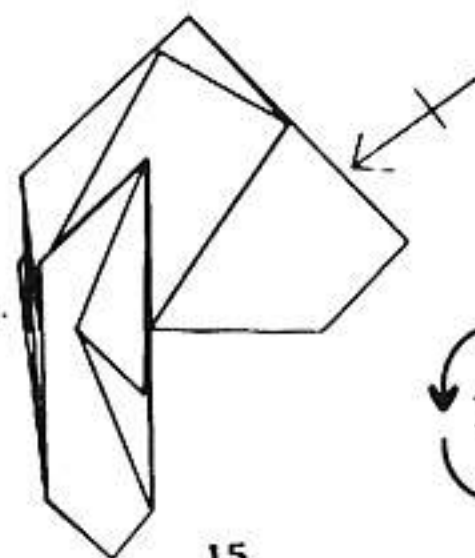
12



13



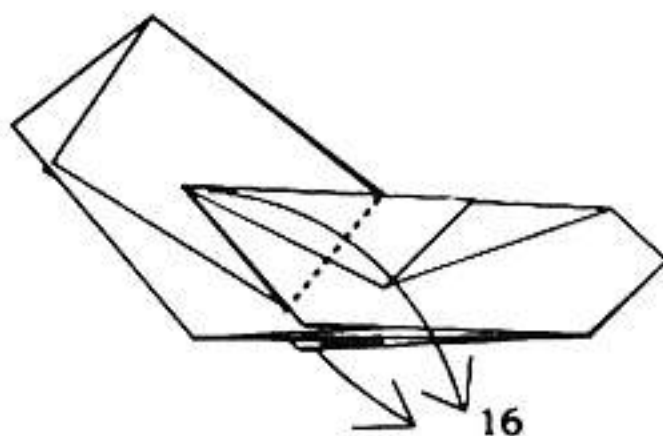
14



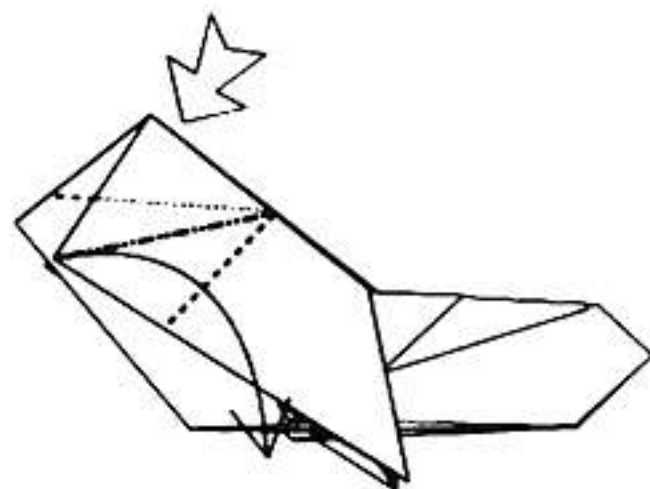
15



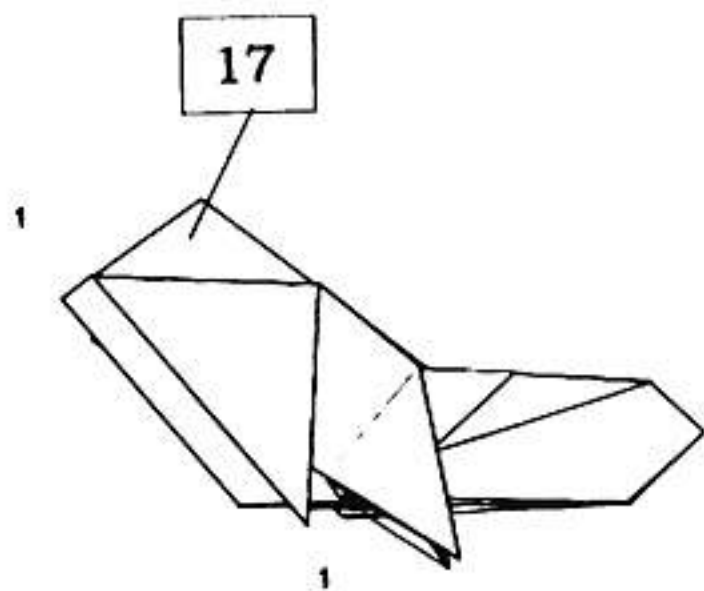
1/4



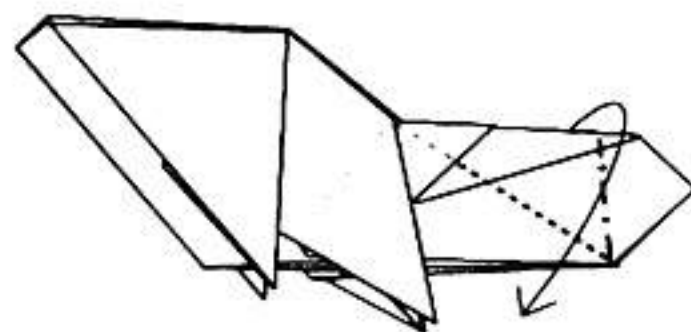
16



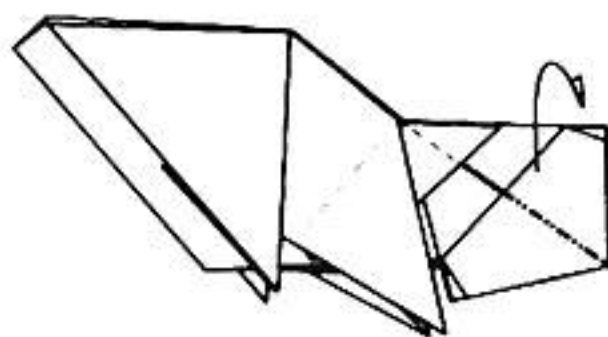
17



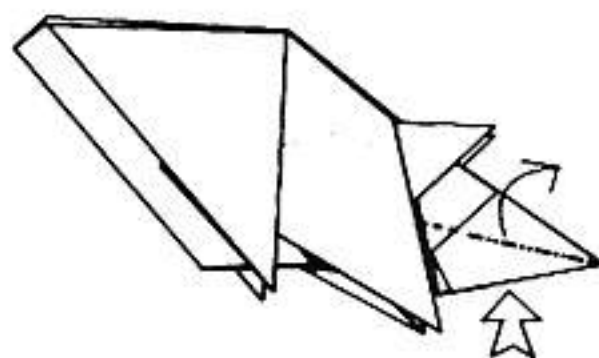
18



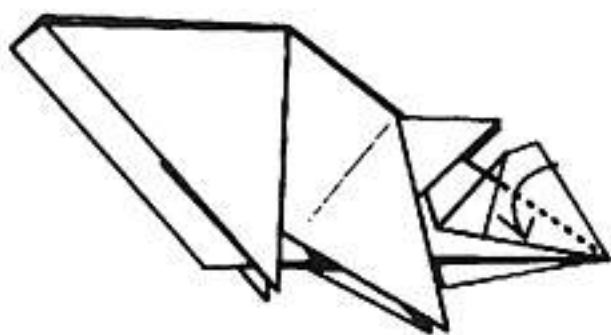
19



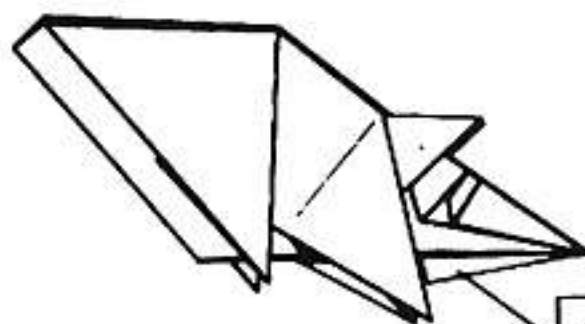
20



21

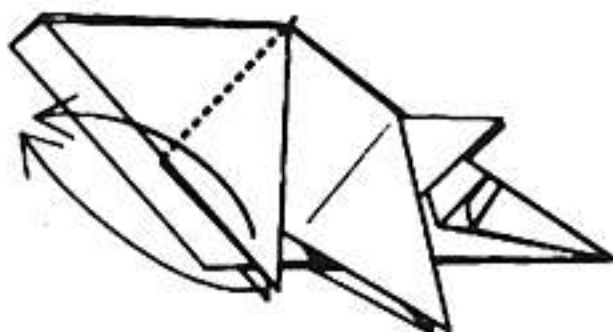


22

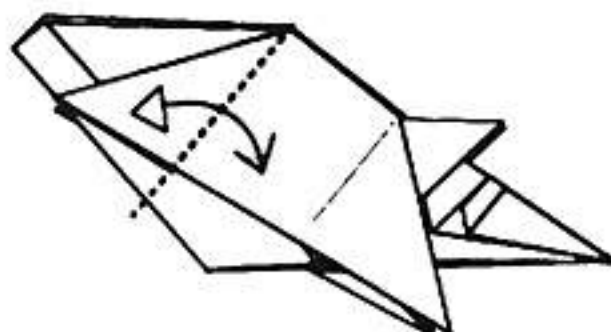


23

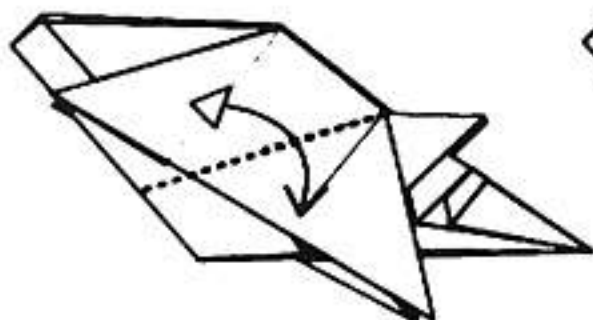
21-22



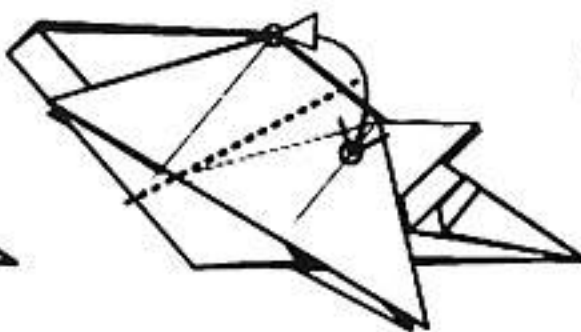
24



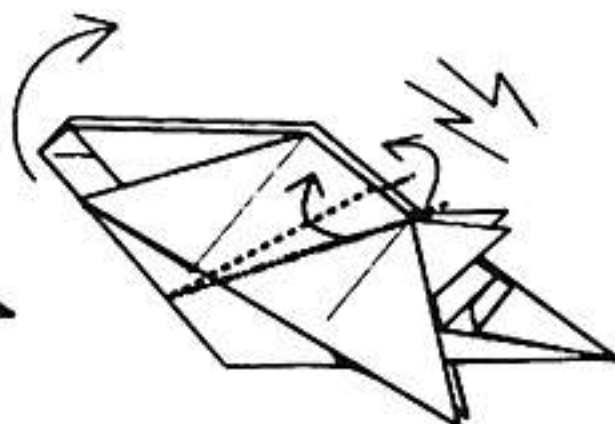
25



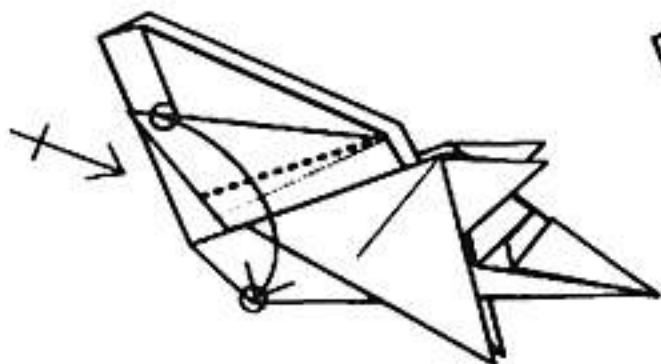
26



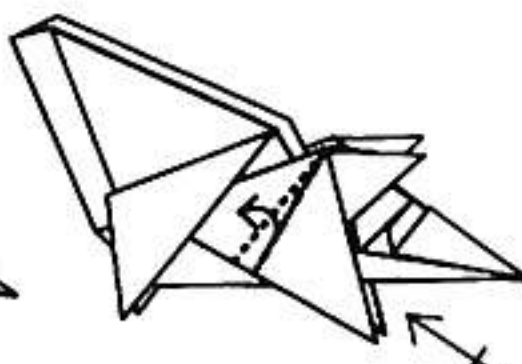
27



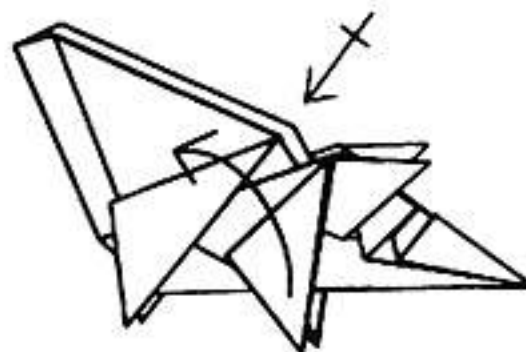
28



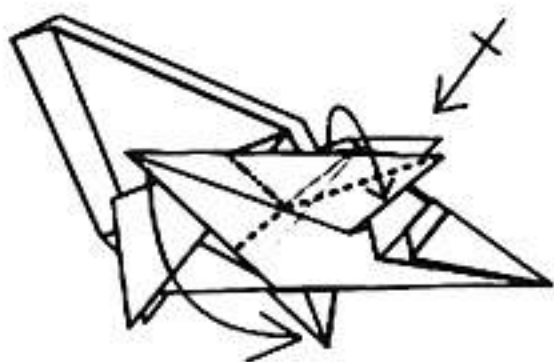
29



30



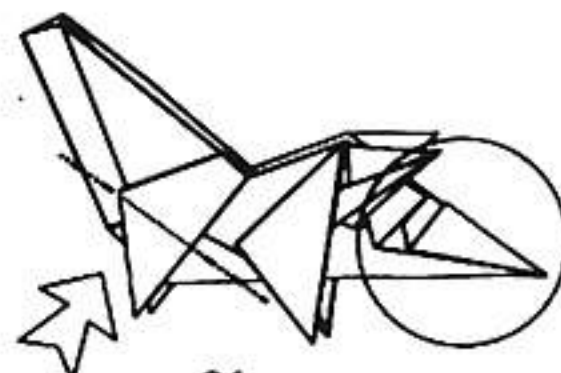
31



32

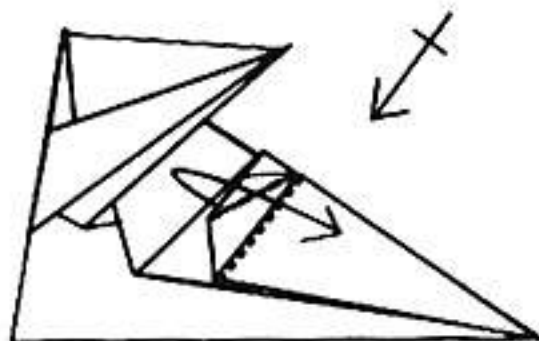


33

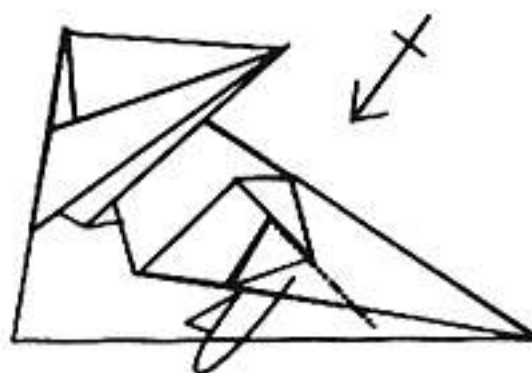


34

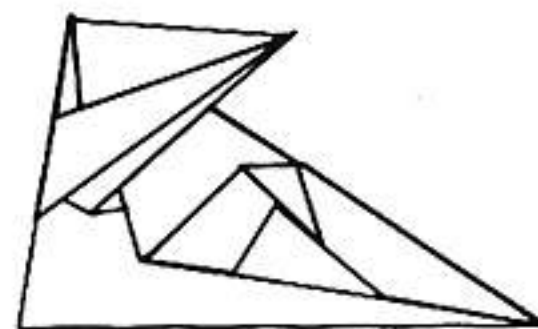
See result of this
sink in step 38.



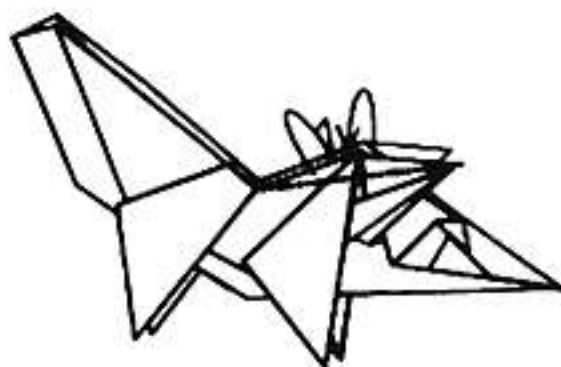
35



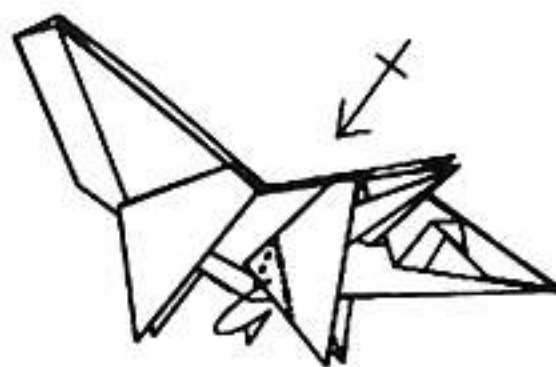
36



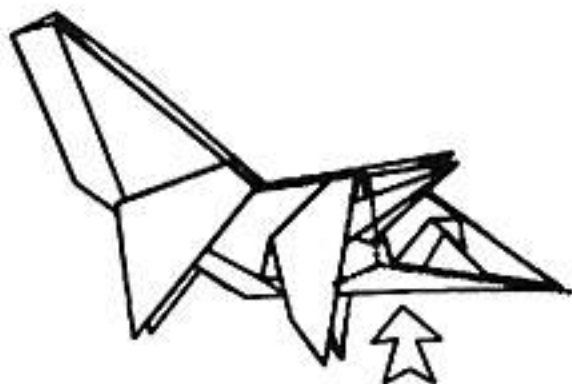
37



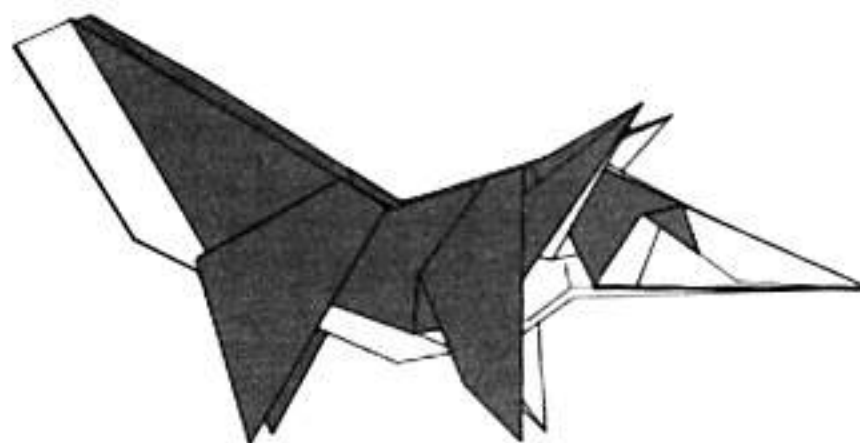
38

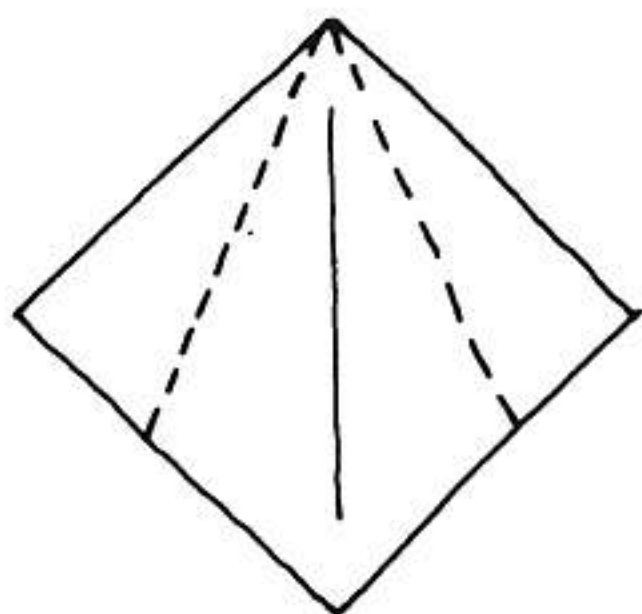


39

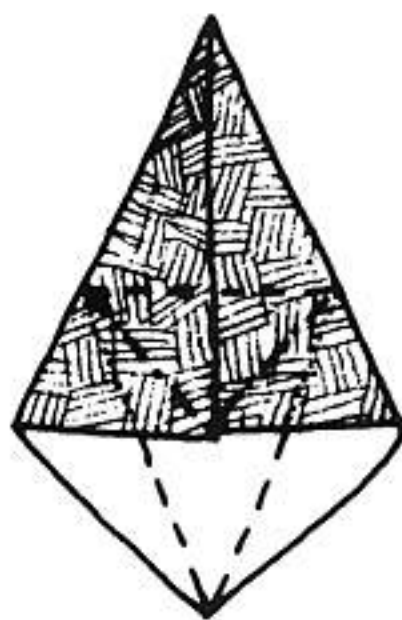


40





1



2



3



4



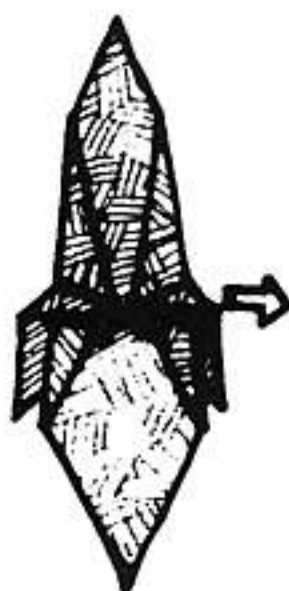
5



6



7



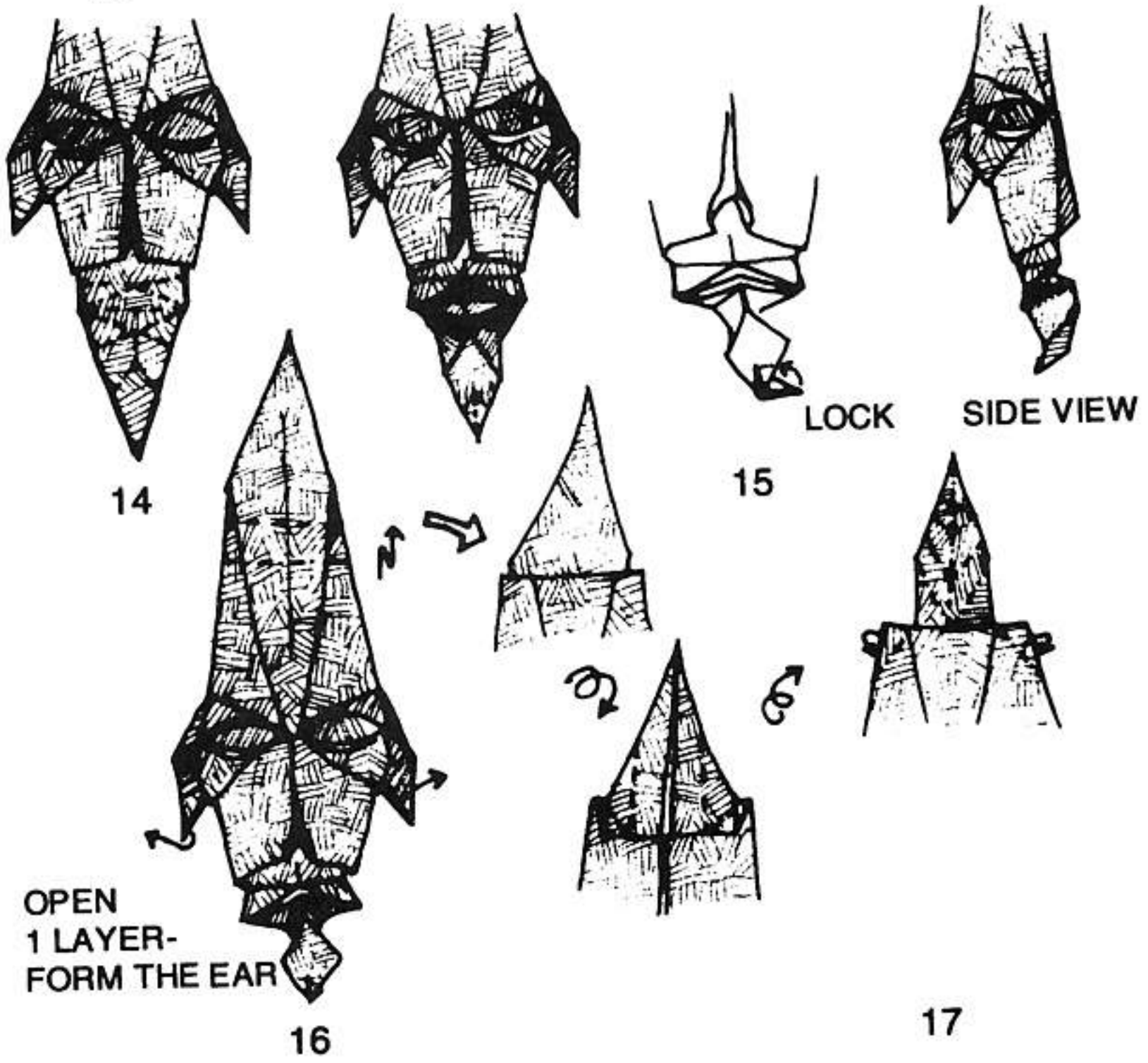
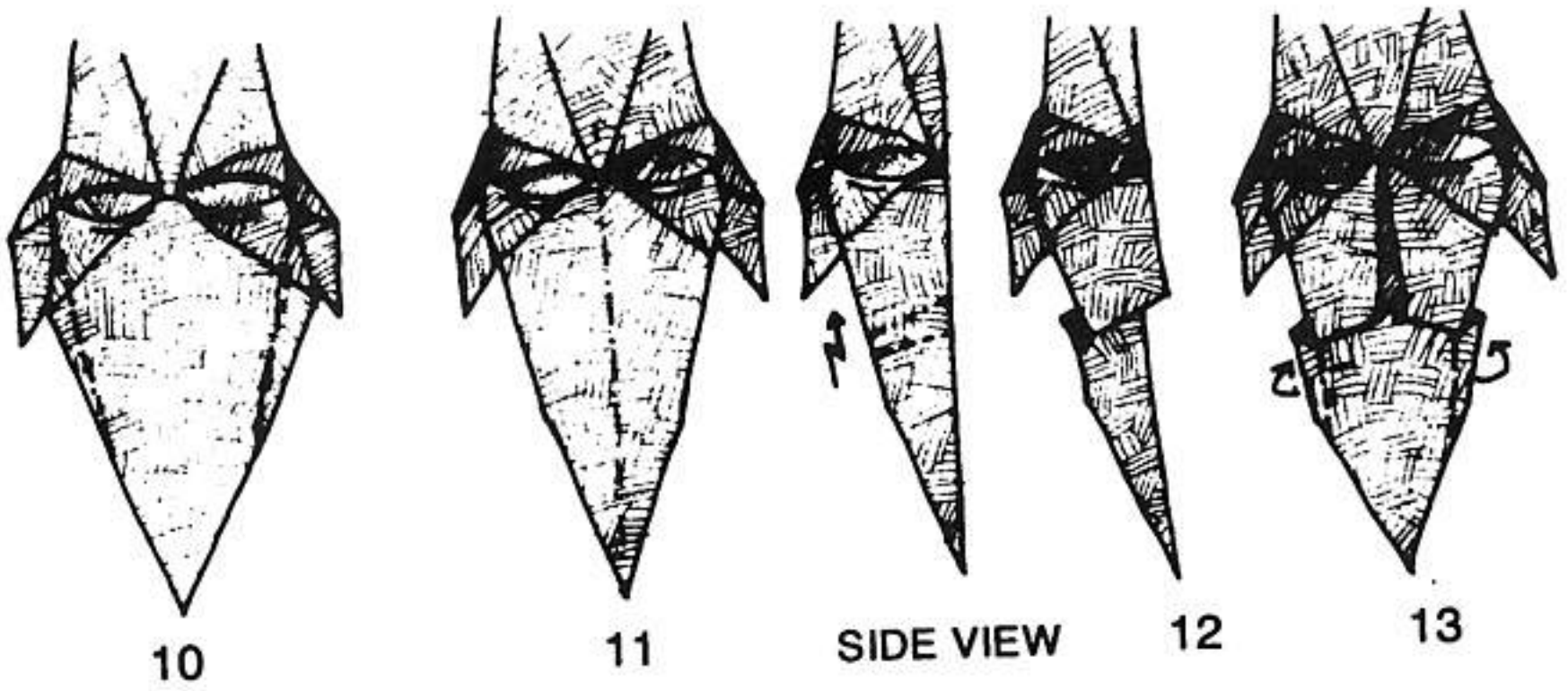
8

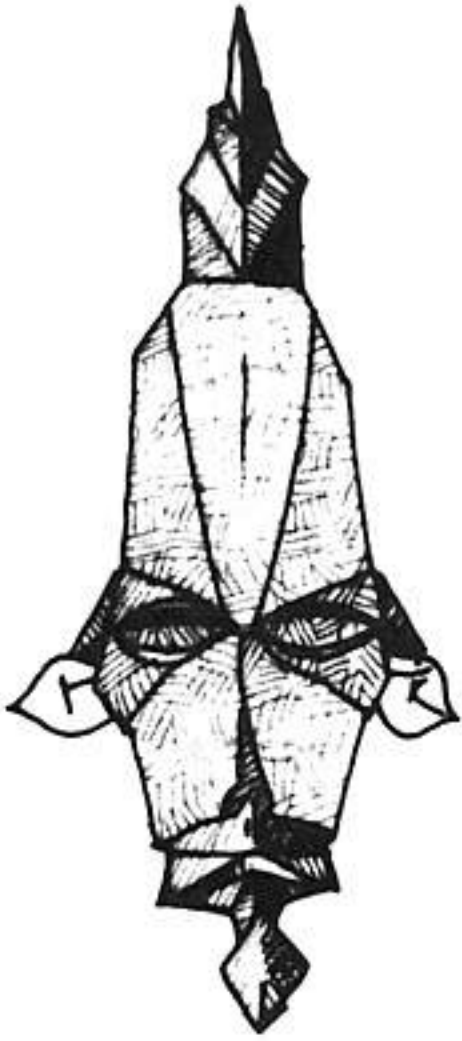


FORM THE EYES

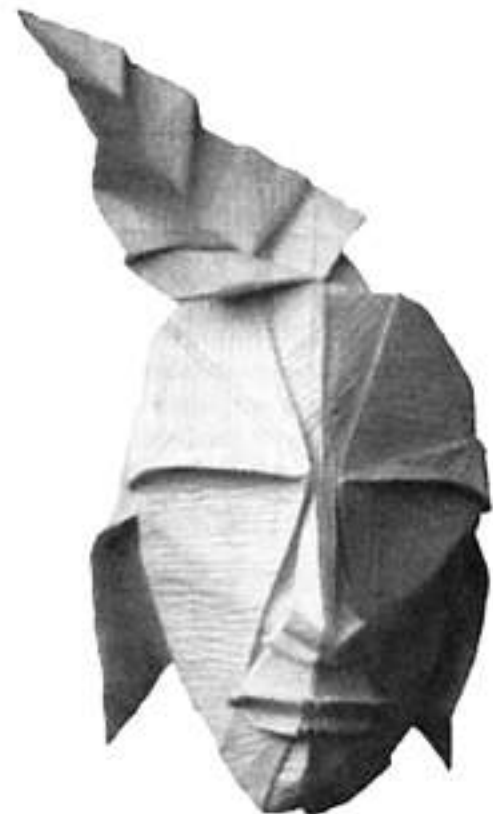


9



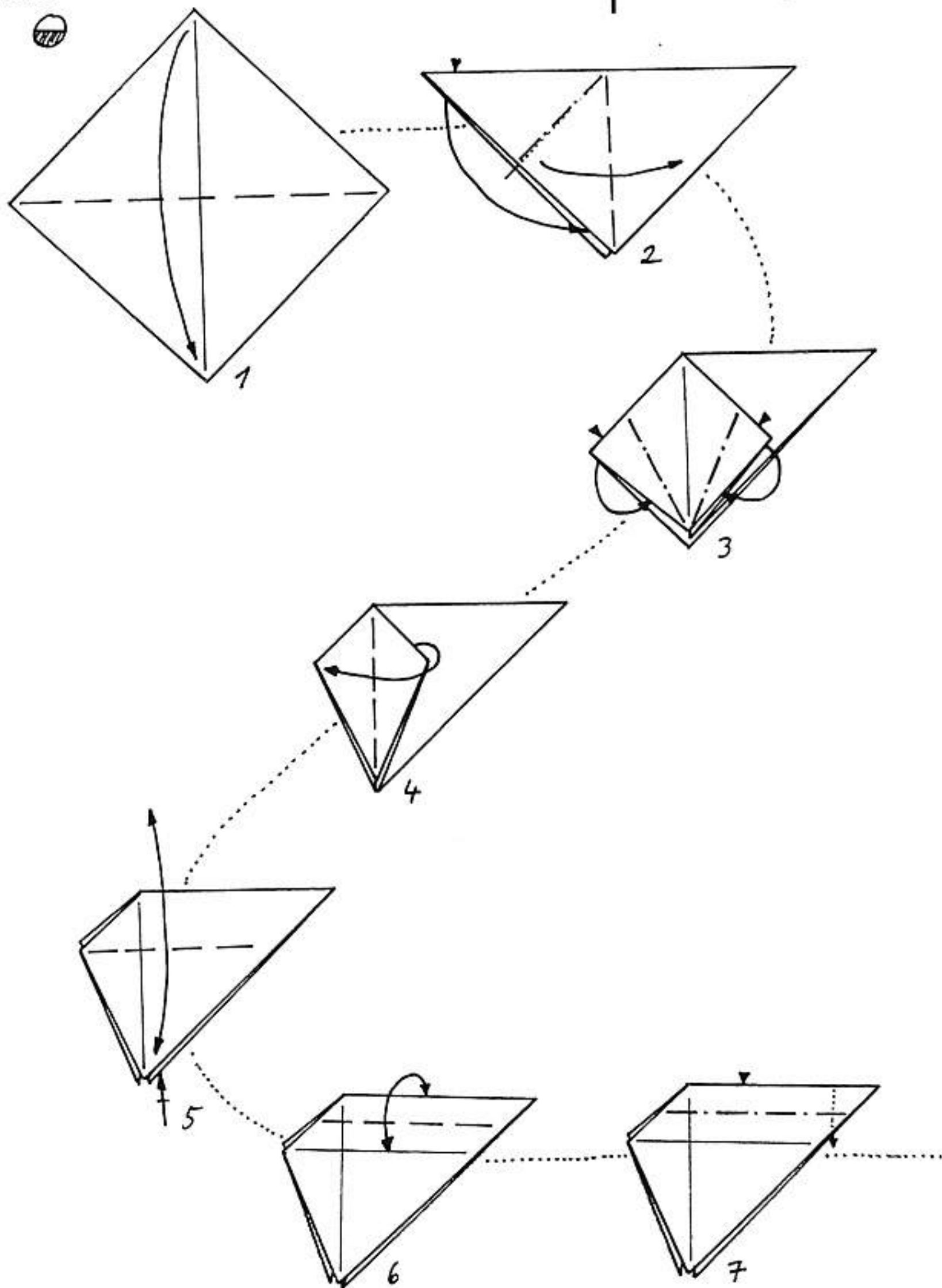


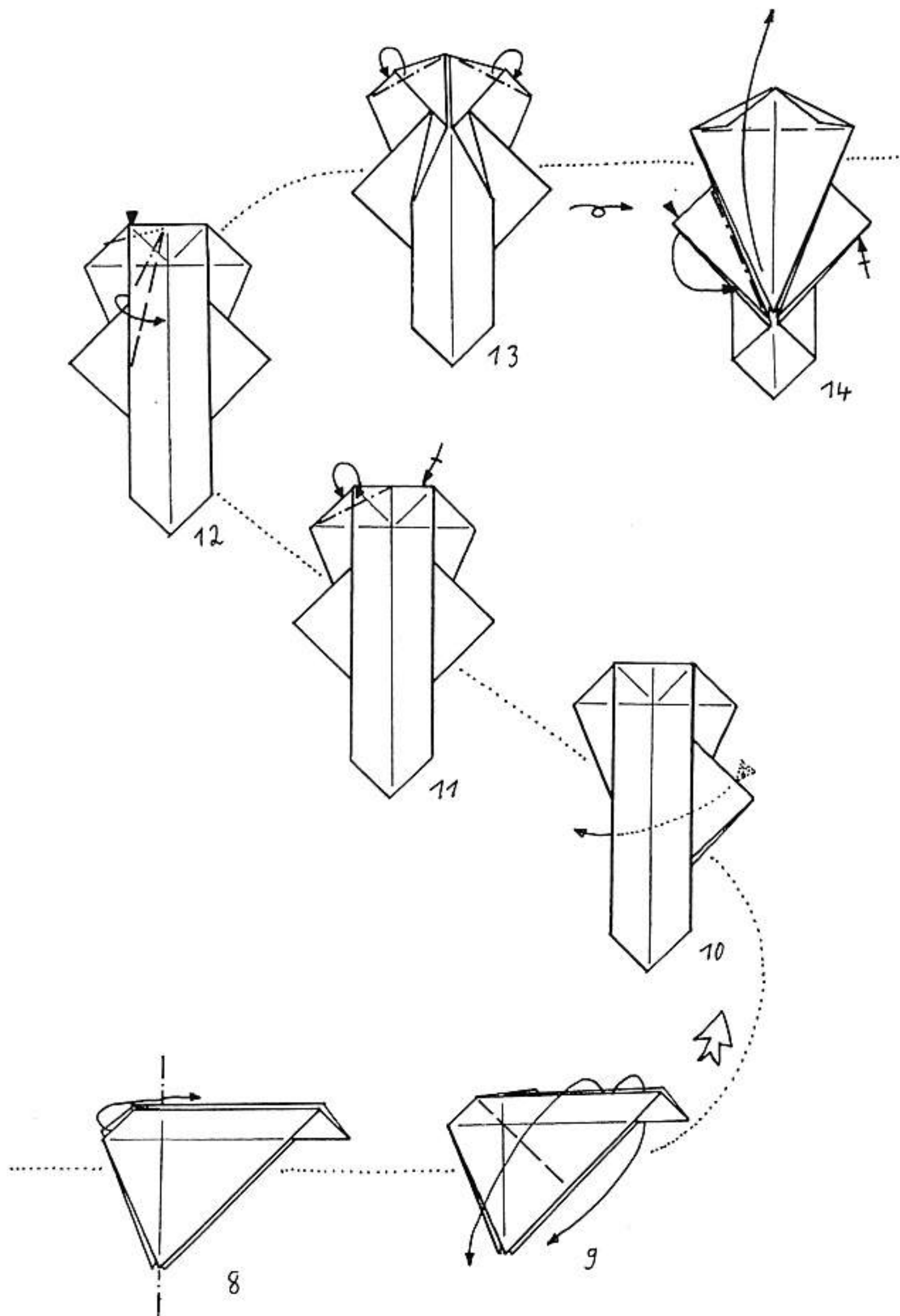
18

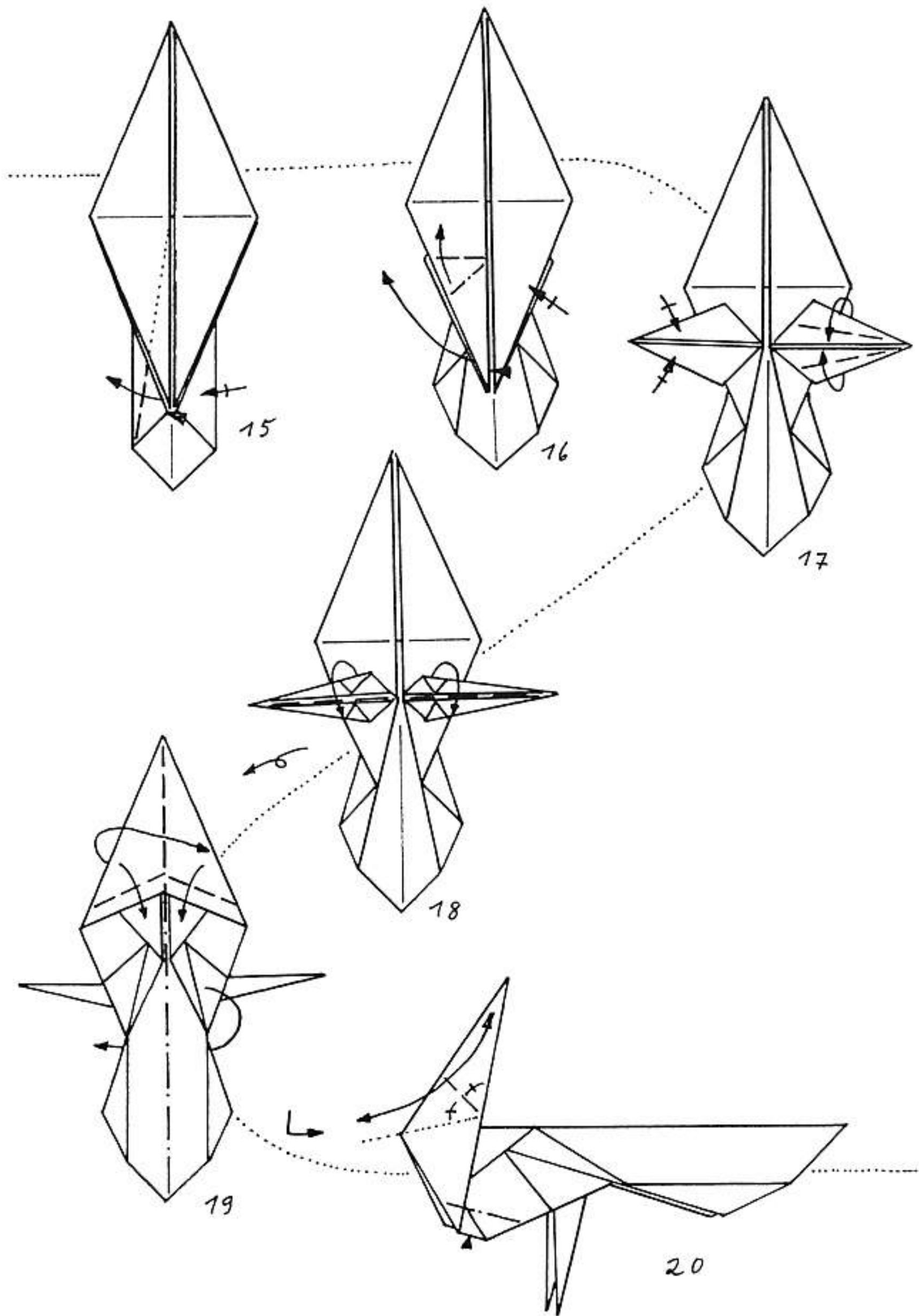


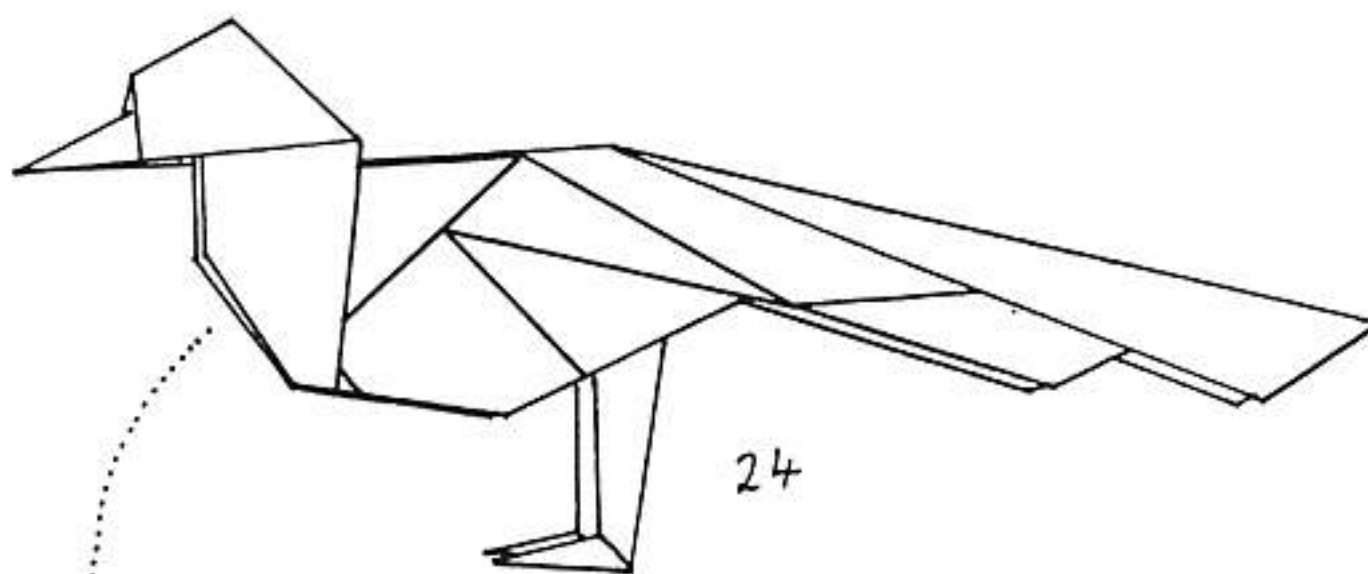
VARIATIONS



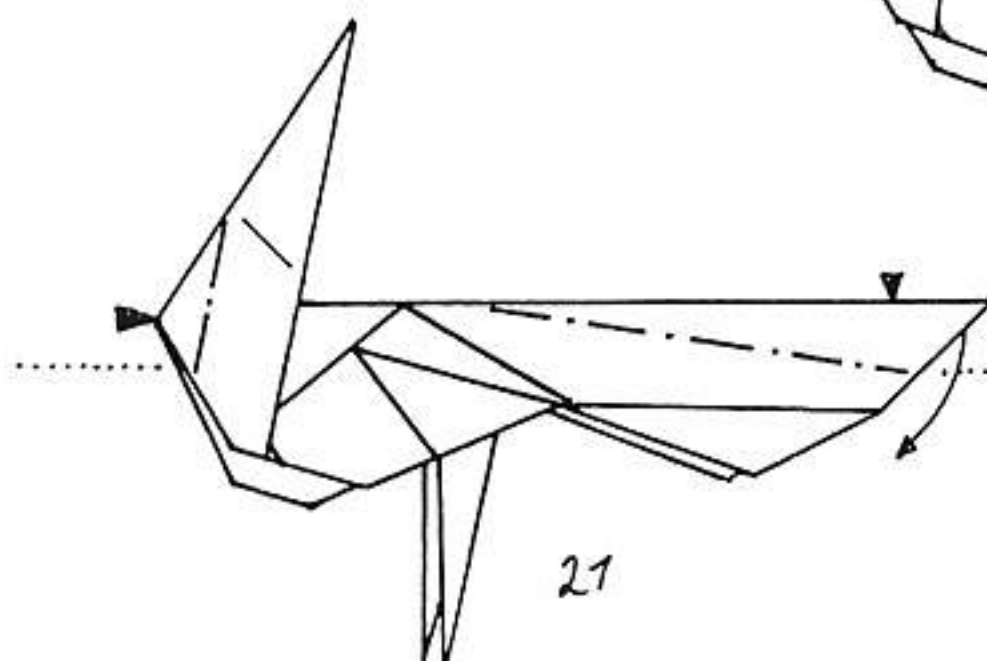
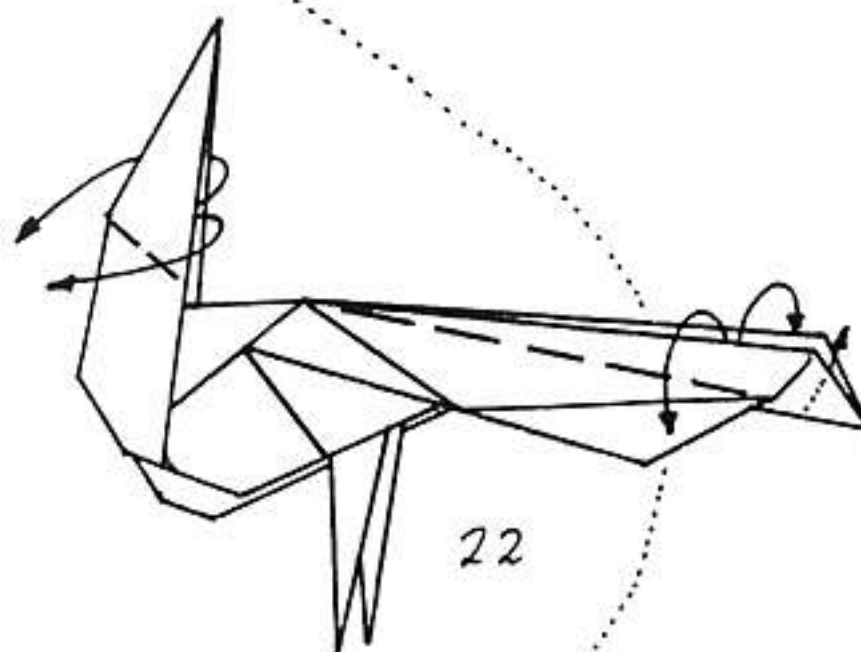
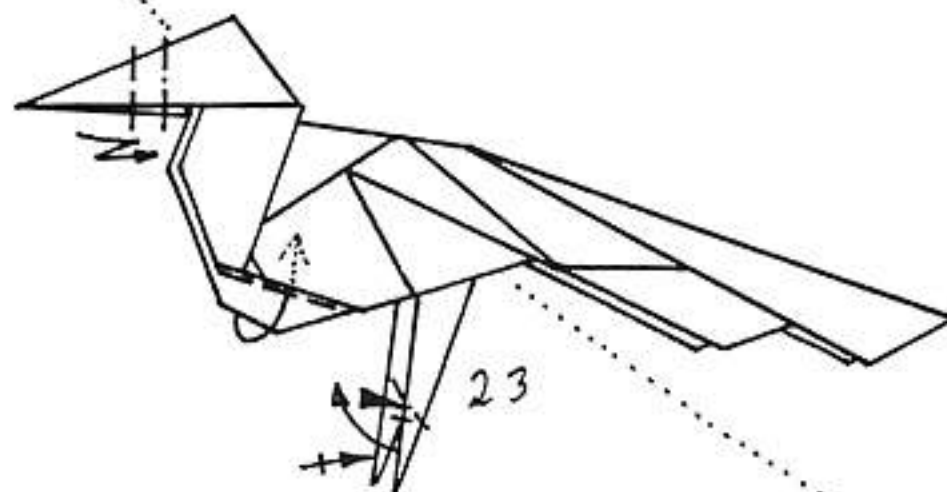


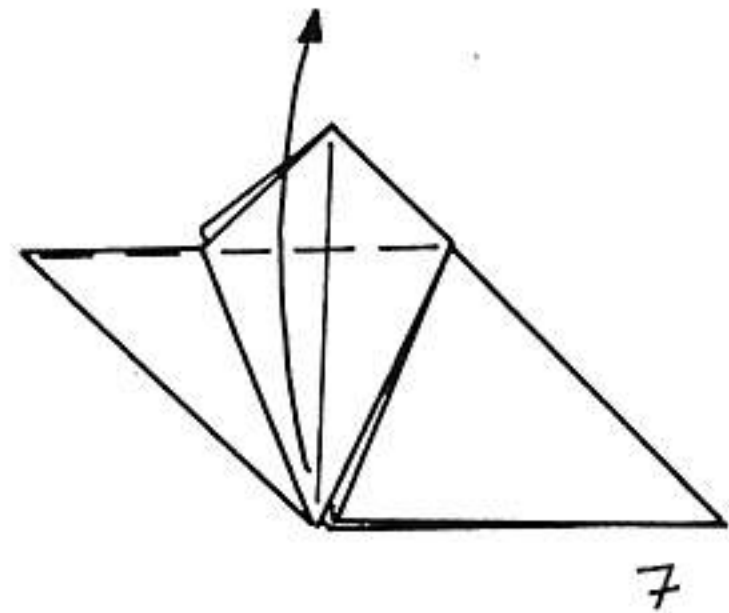
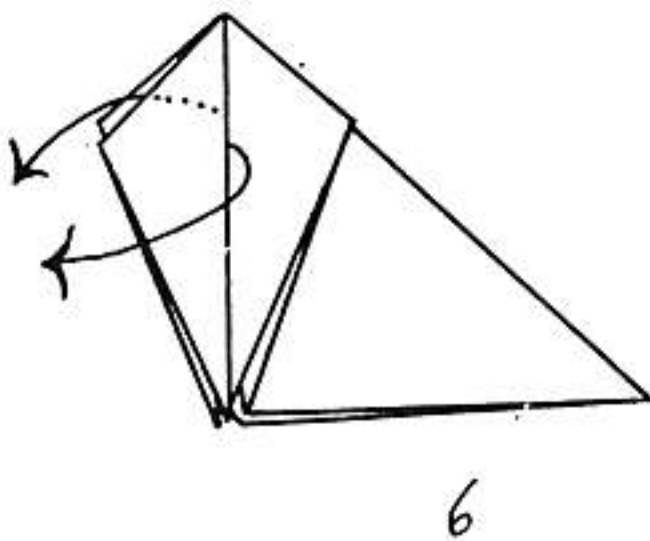
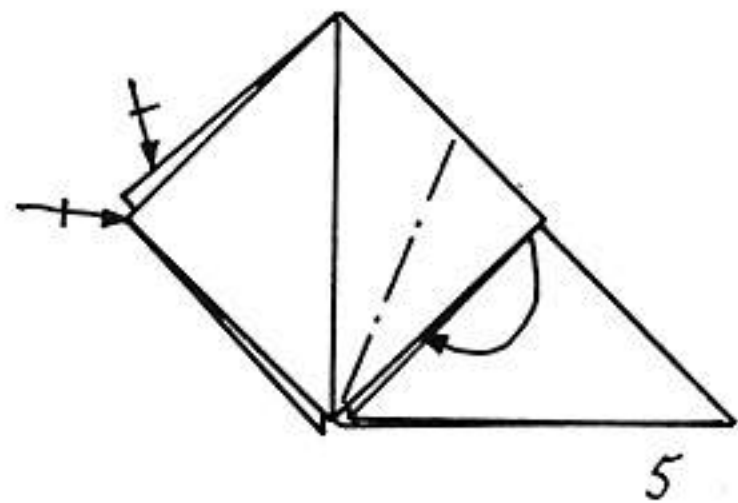
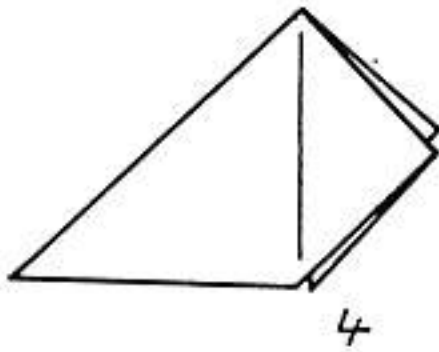
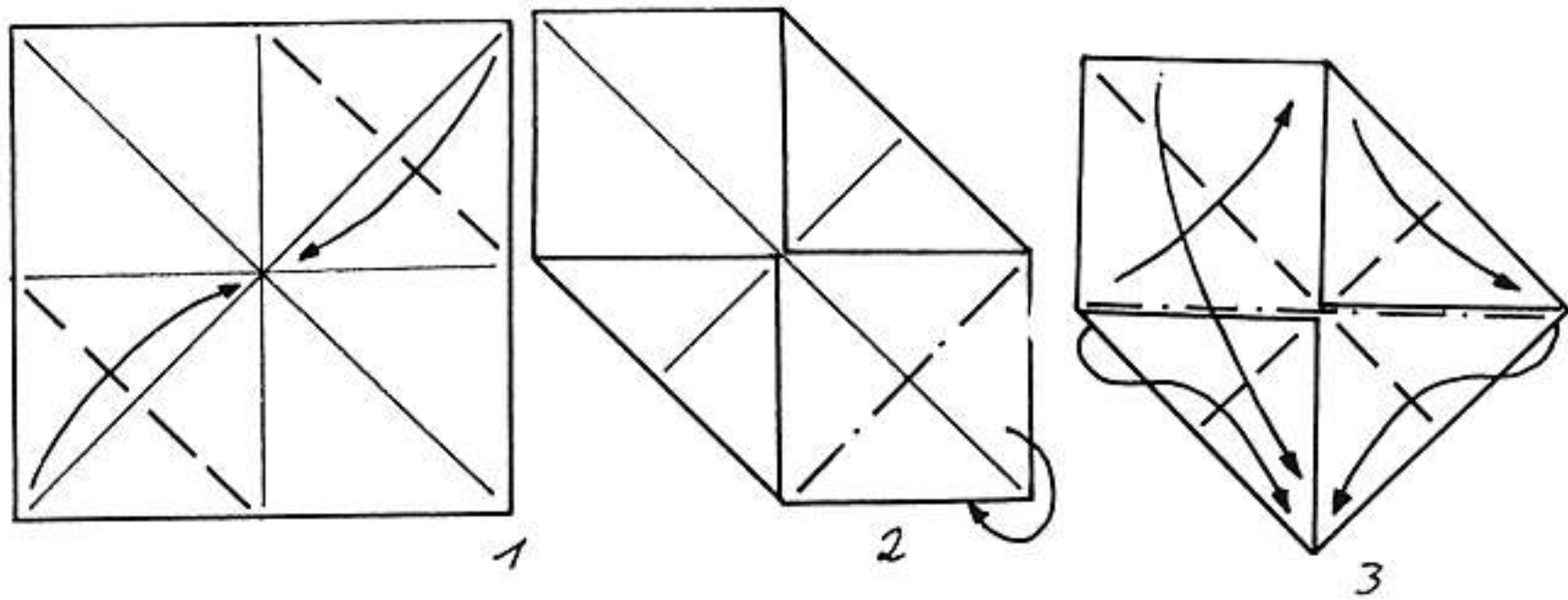


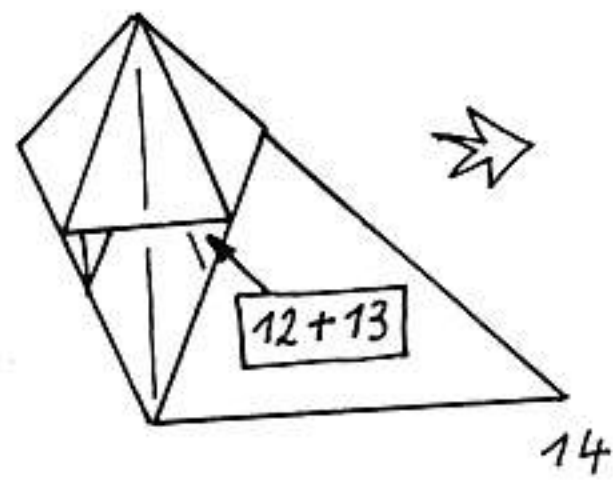
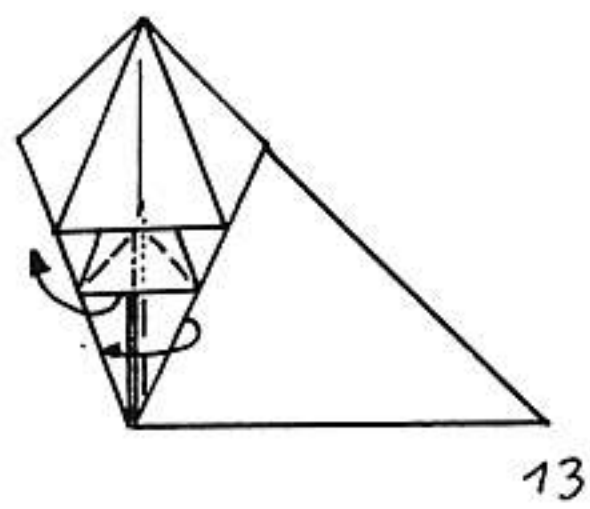
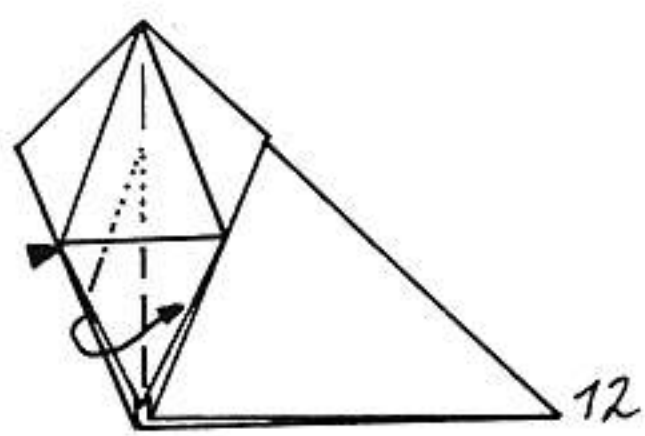
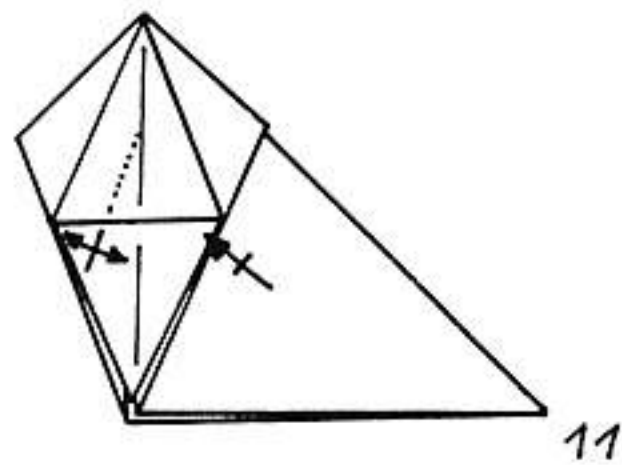
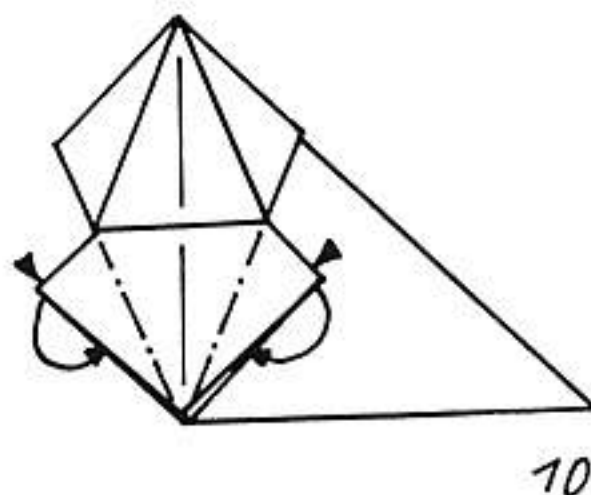
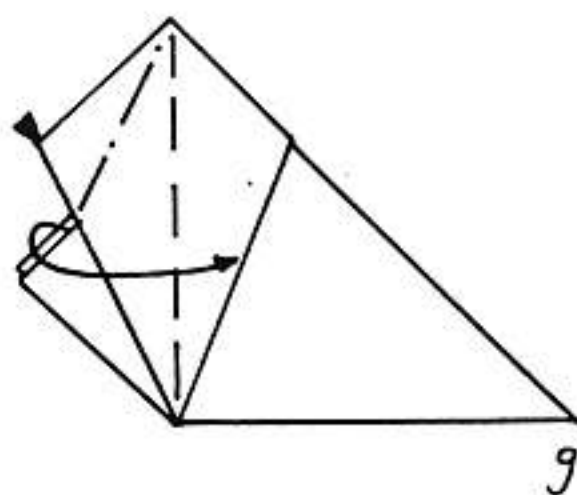
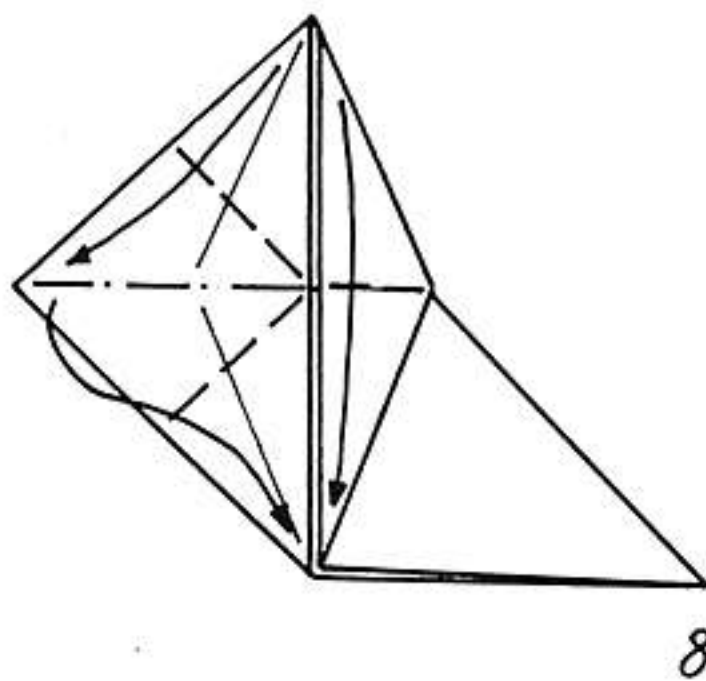


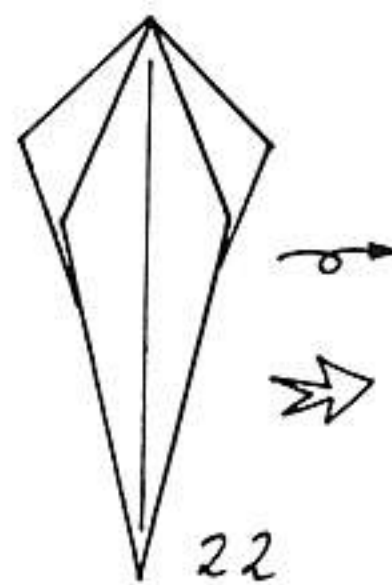
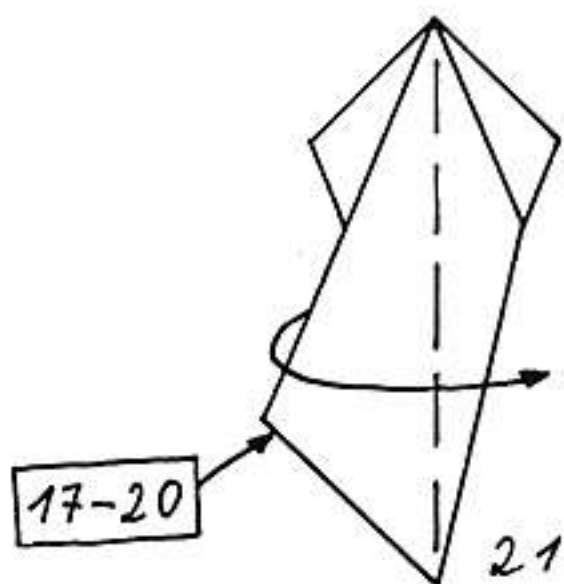
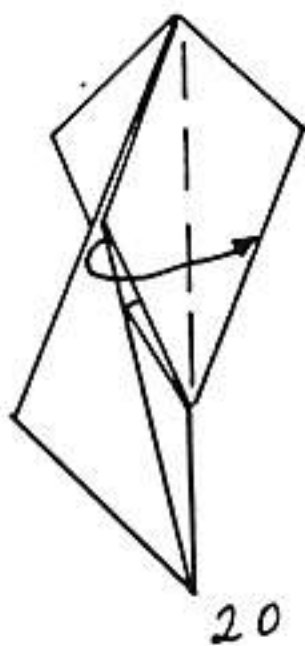
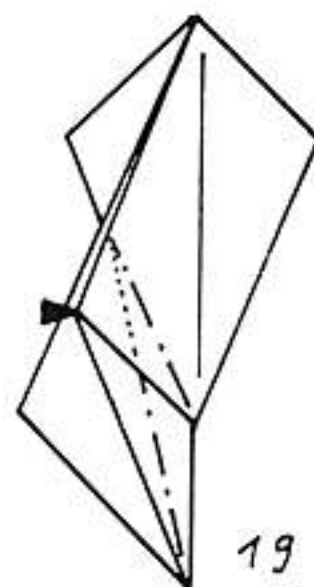
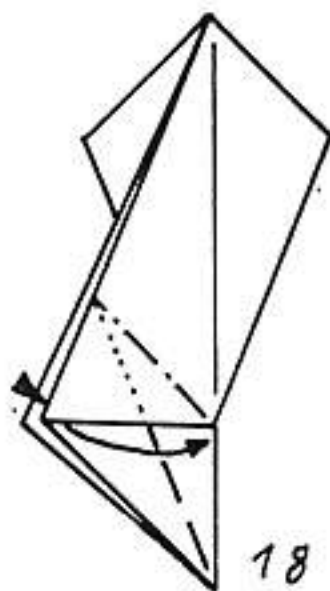
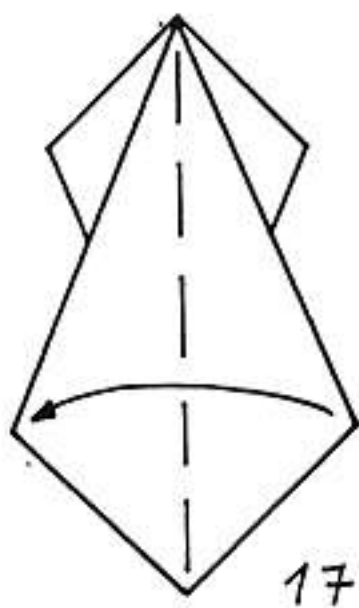
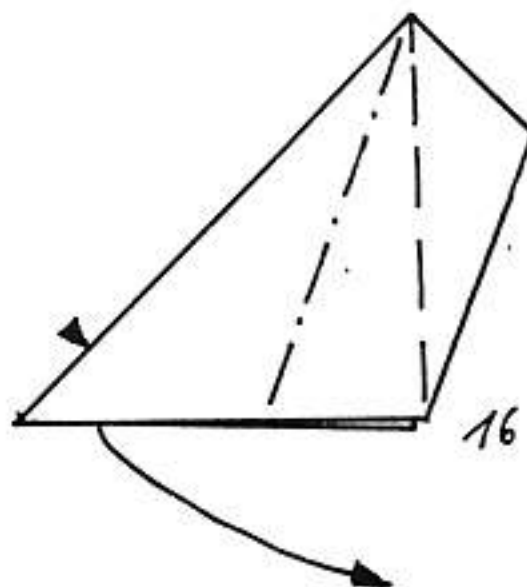
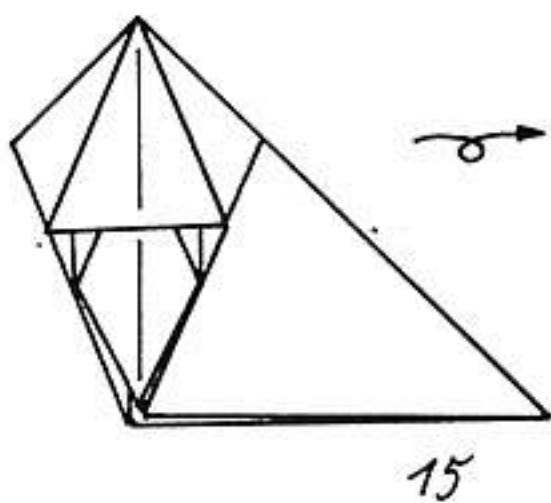


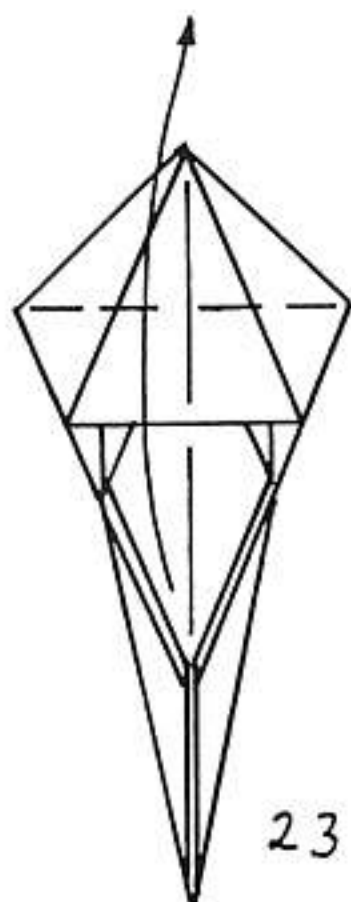
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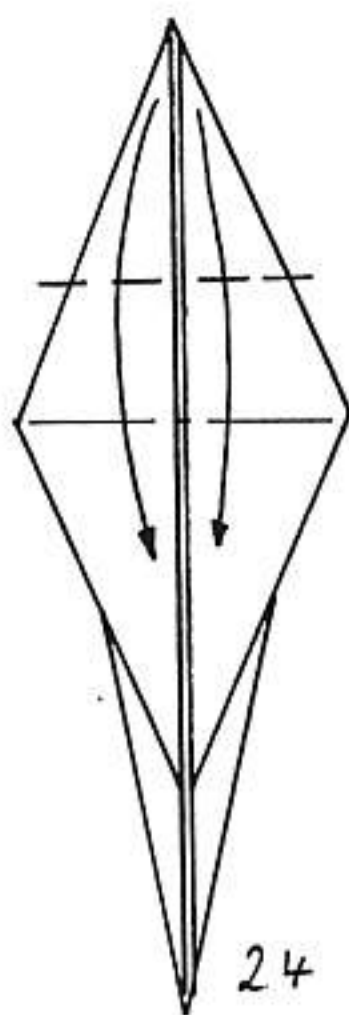




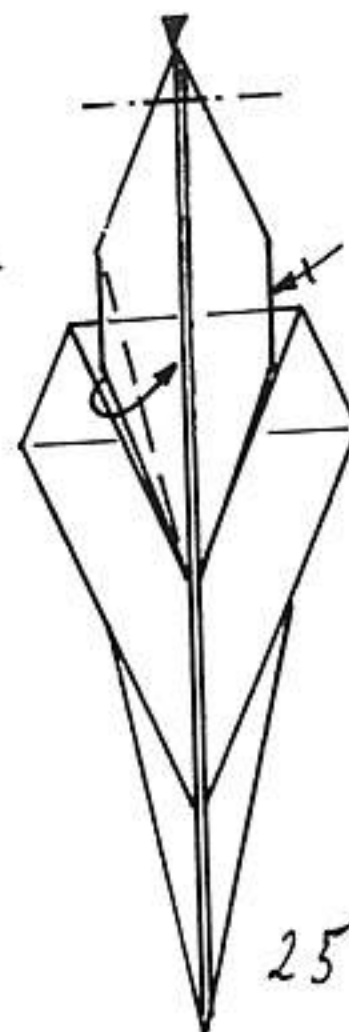




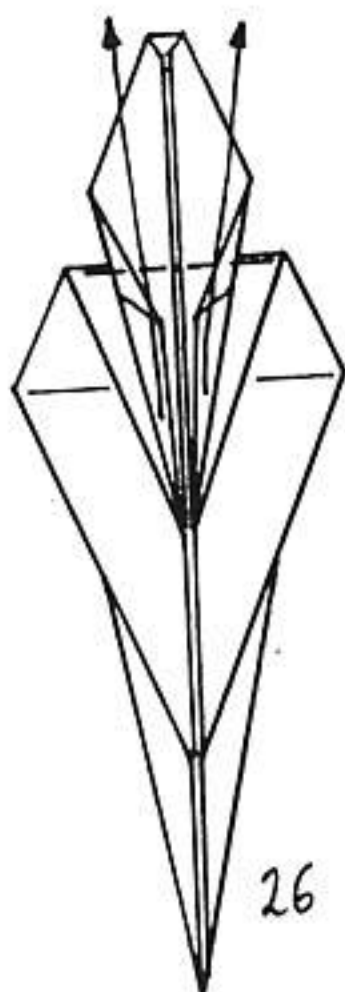
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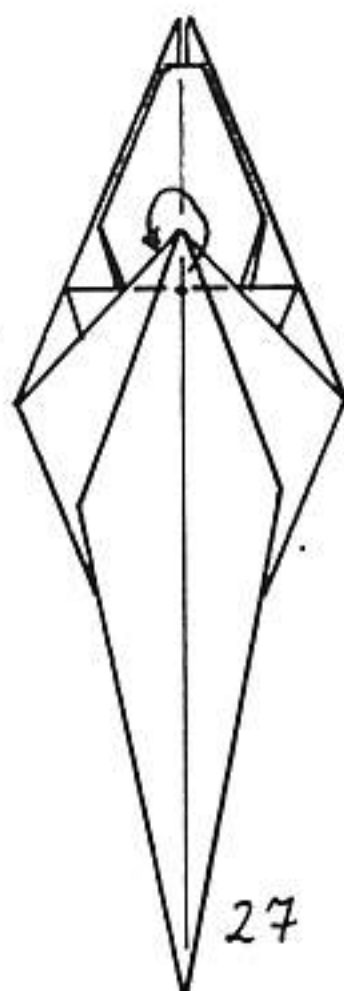
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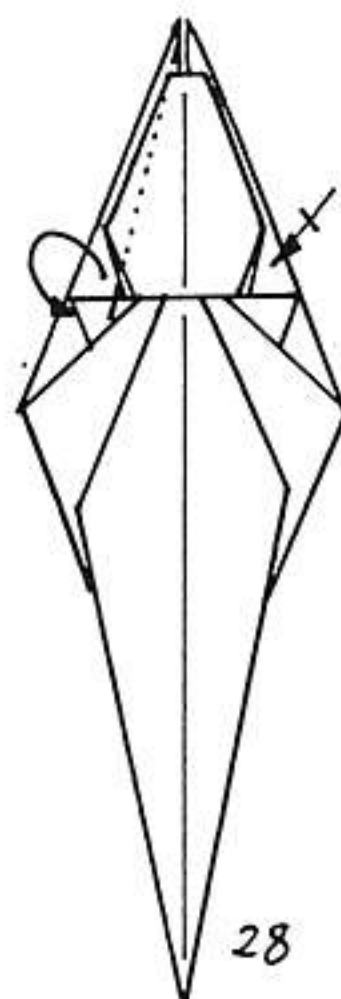
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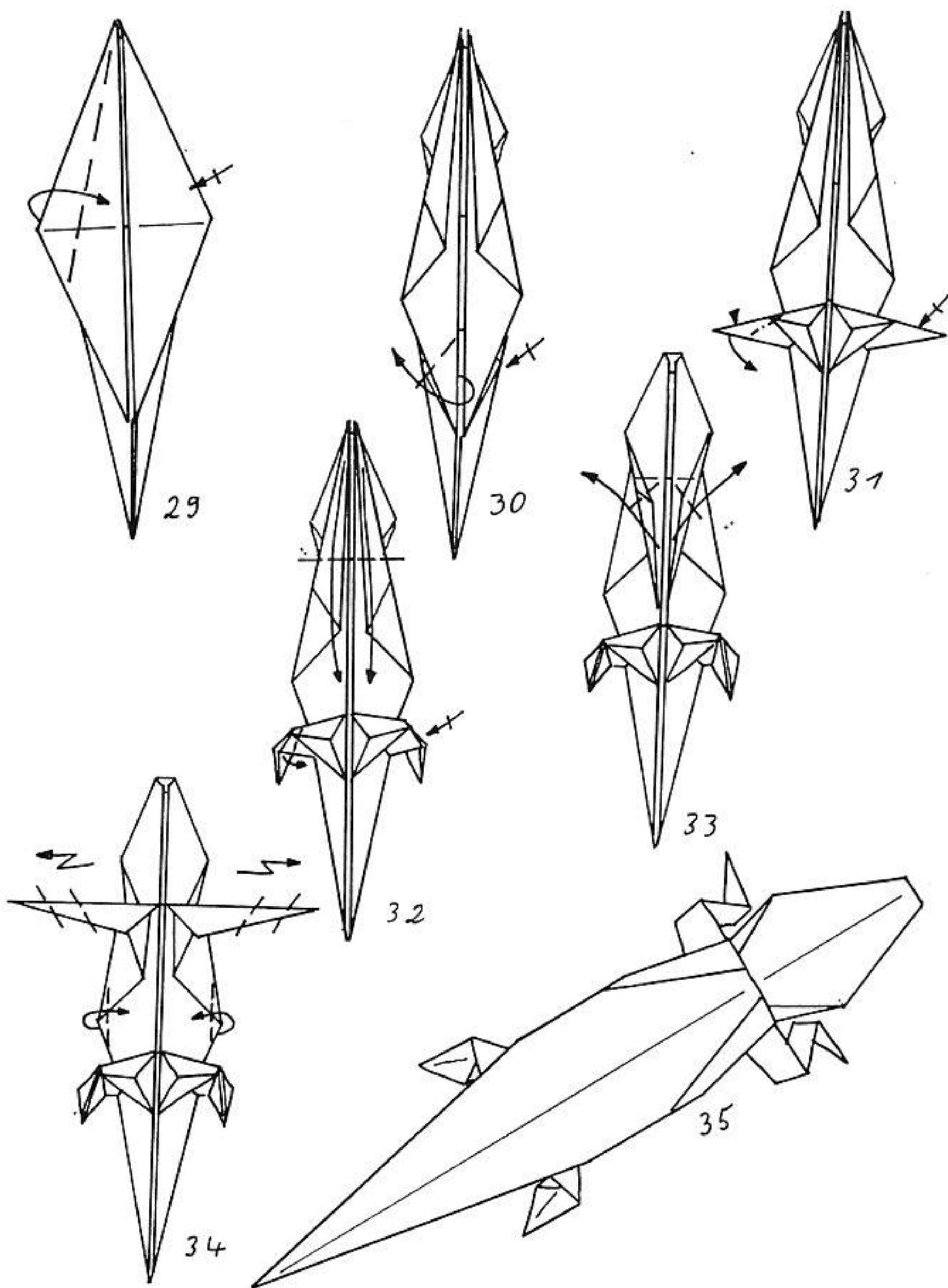


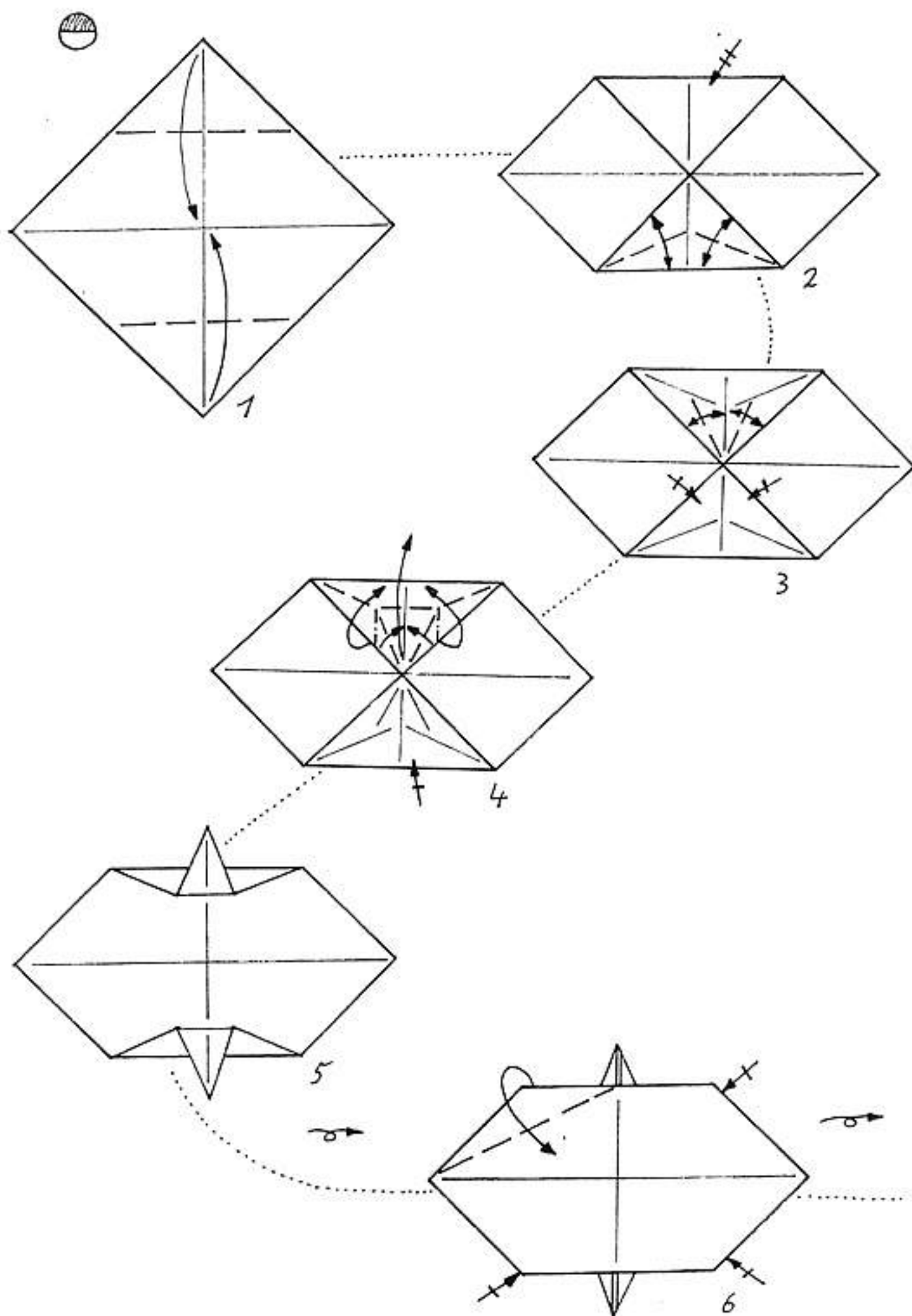
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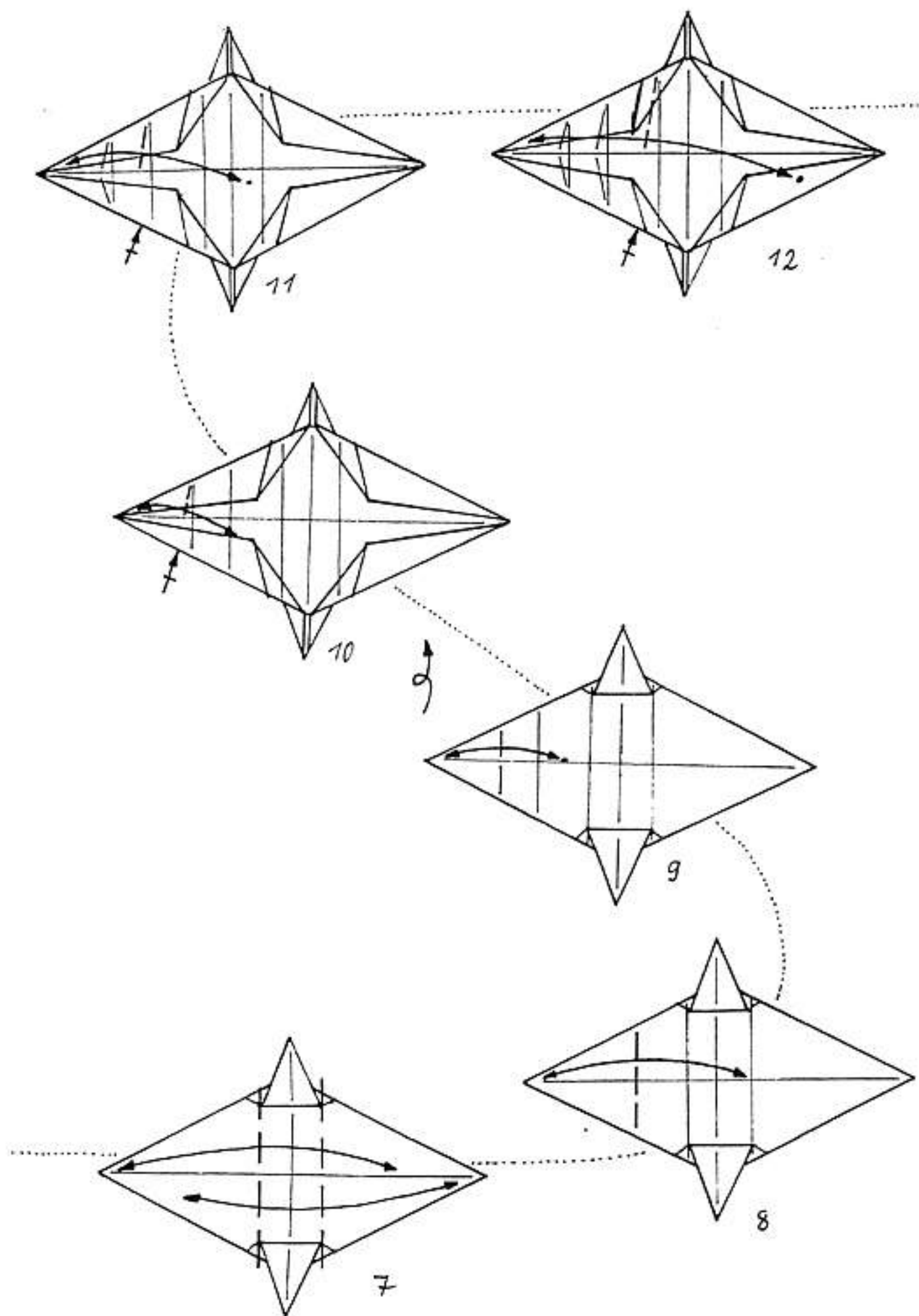


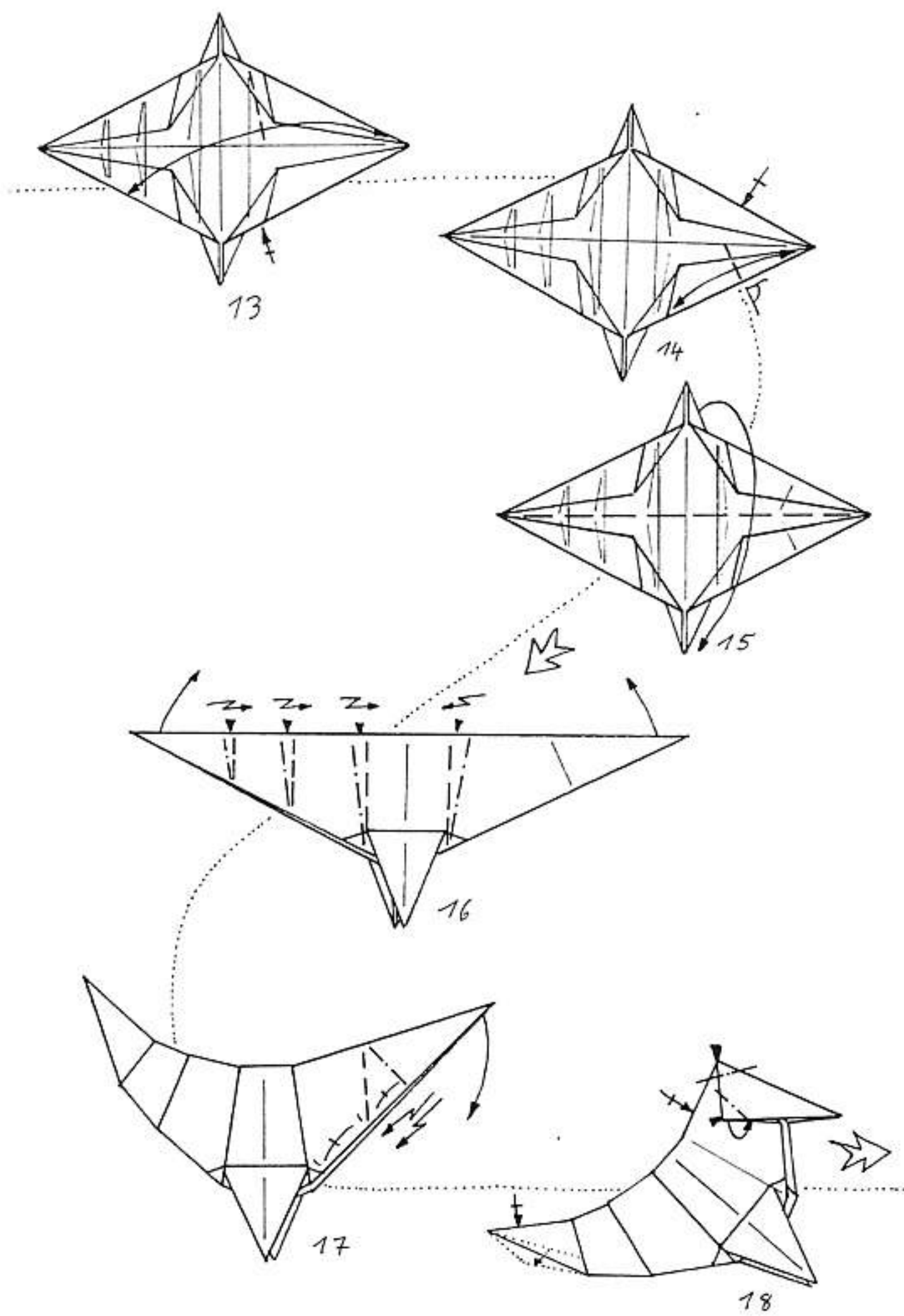
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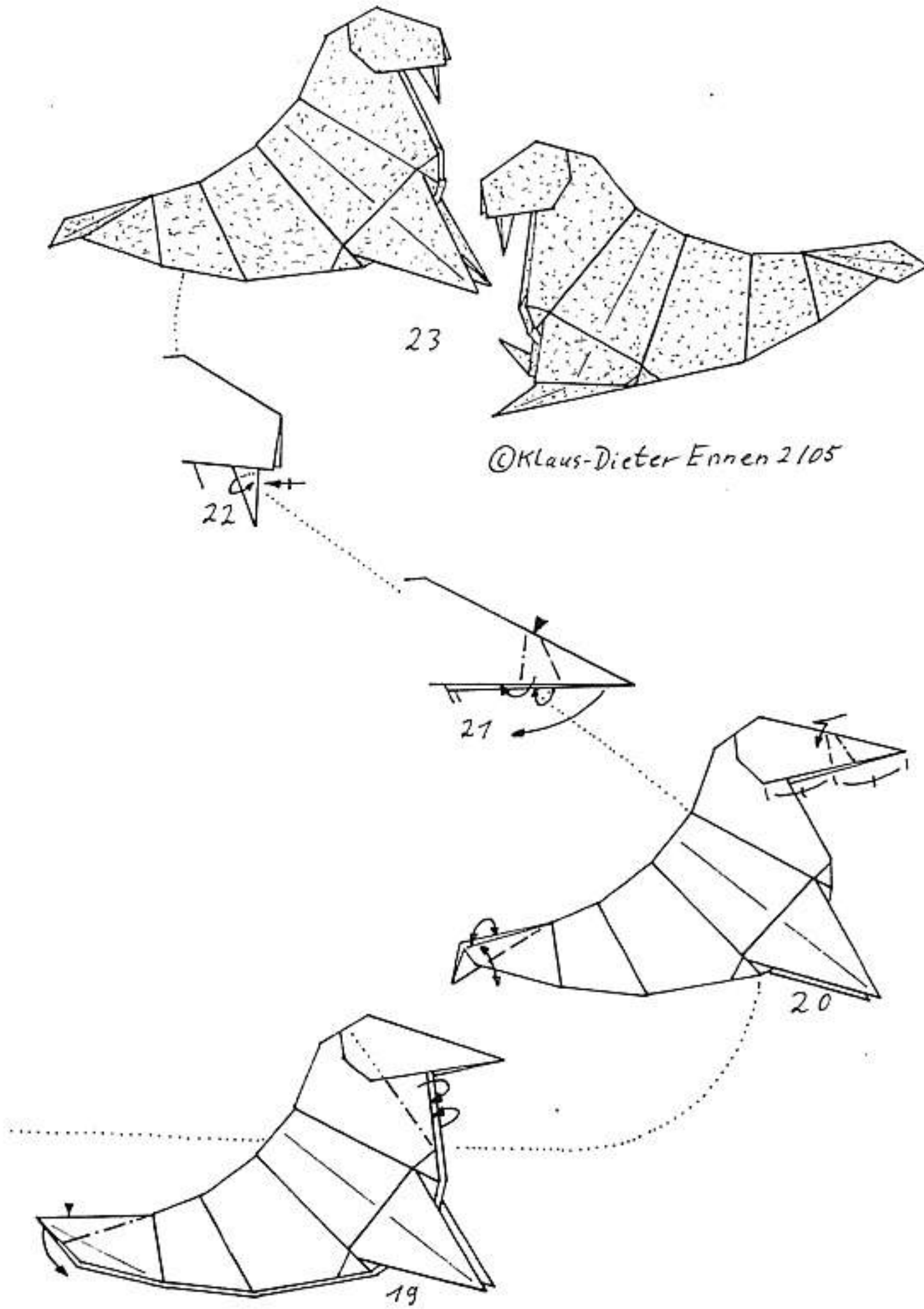


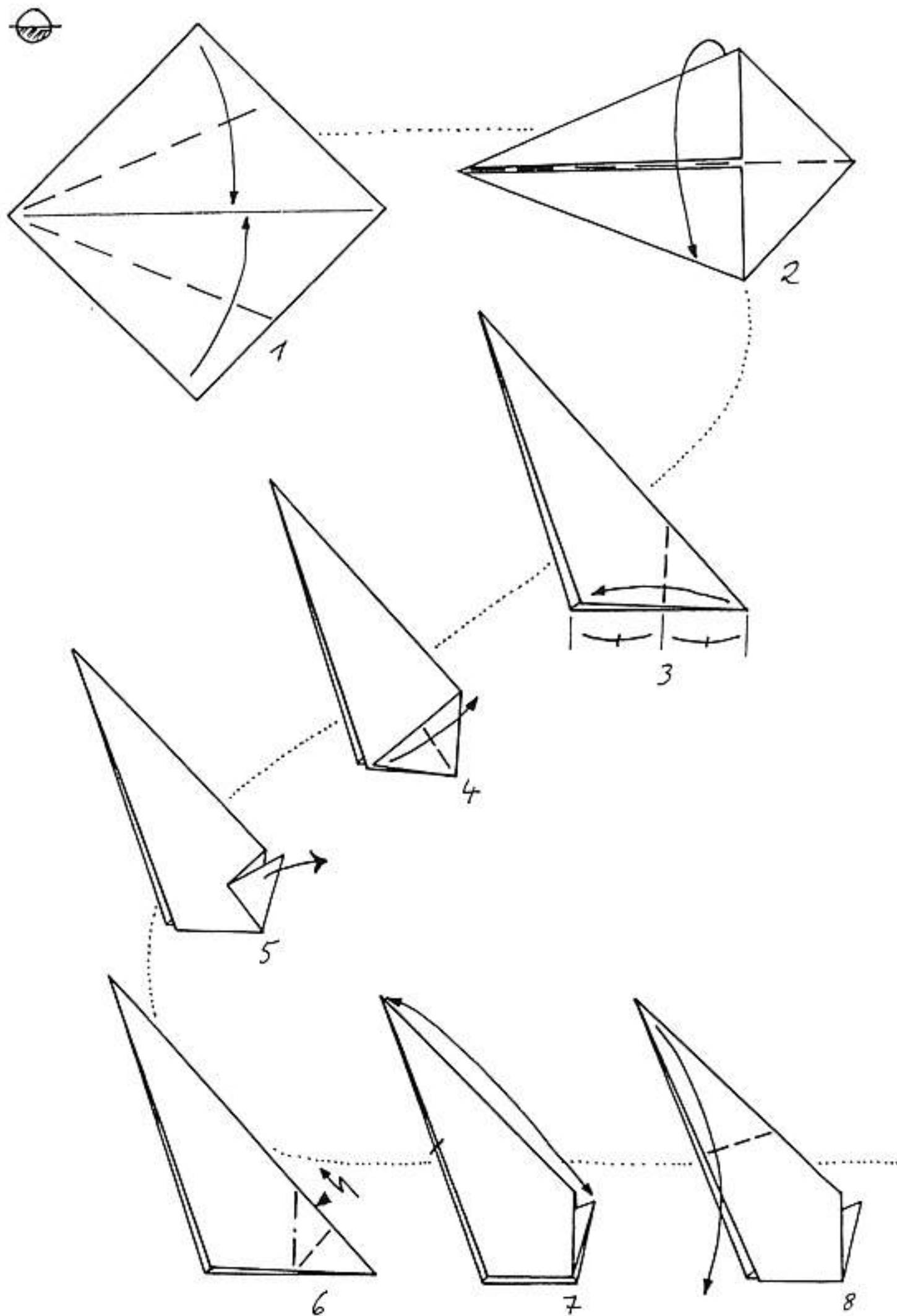


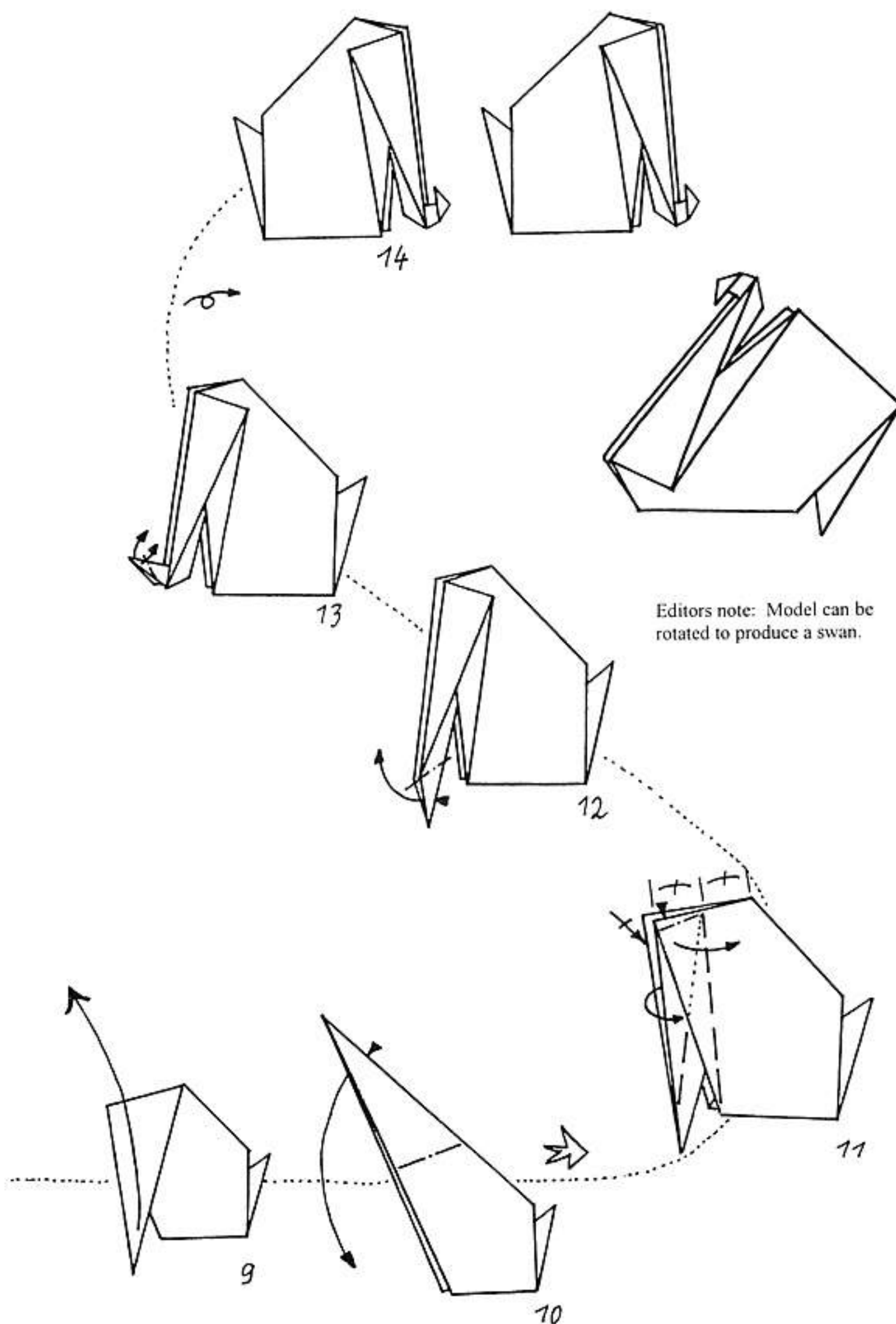










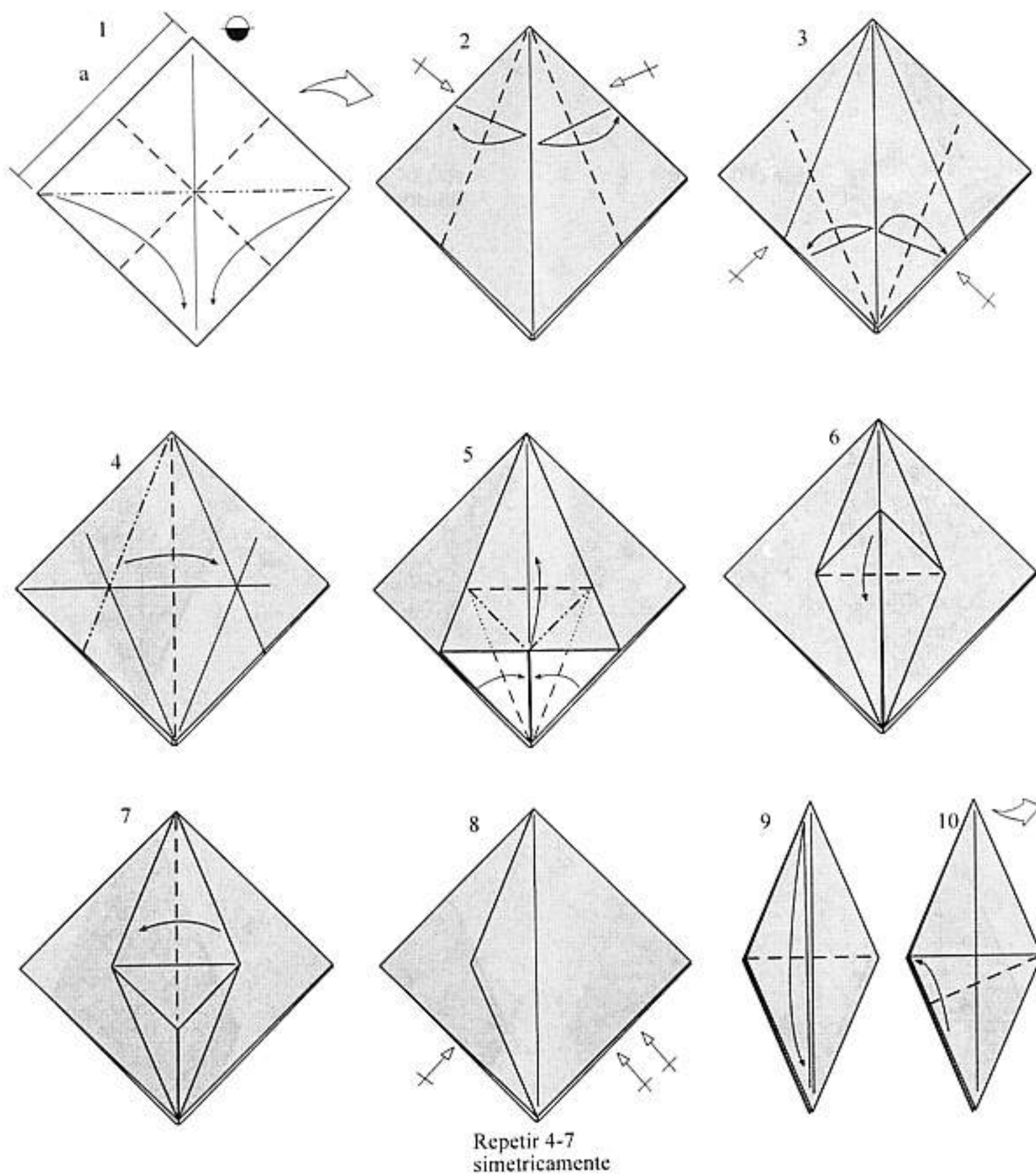


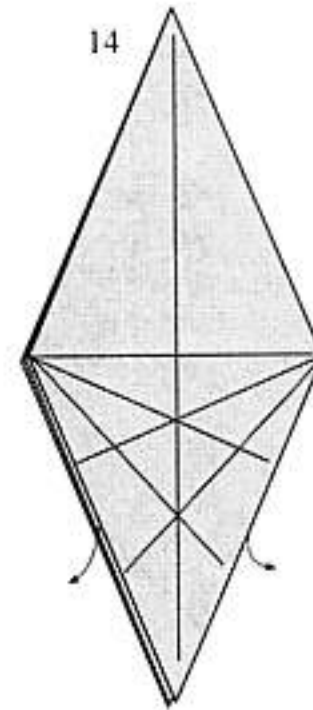
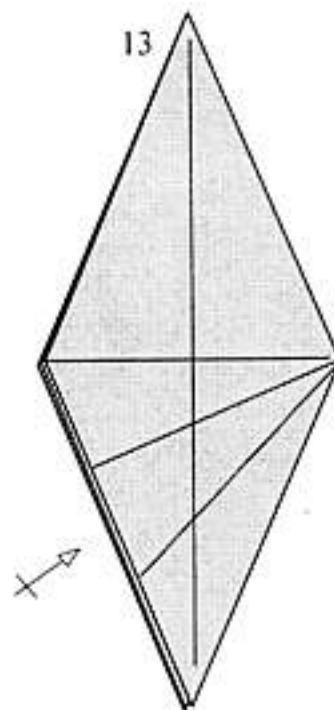
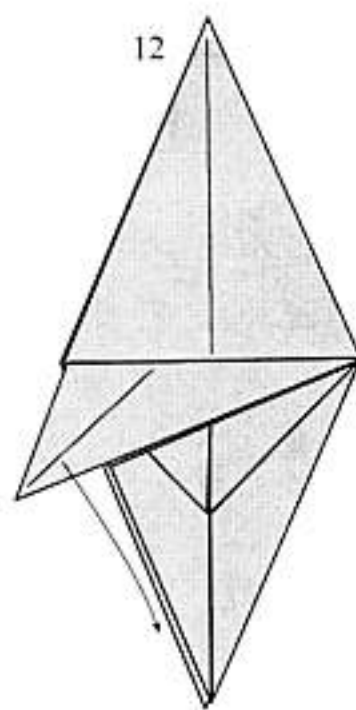
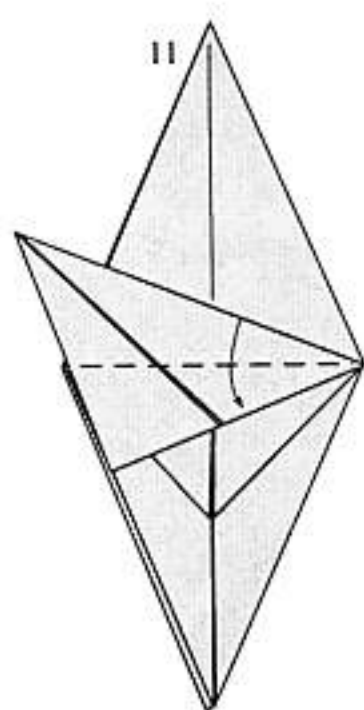
CANGREJO (CRAB)

High Intermediate

Fernando Gilgado

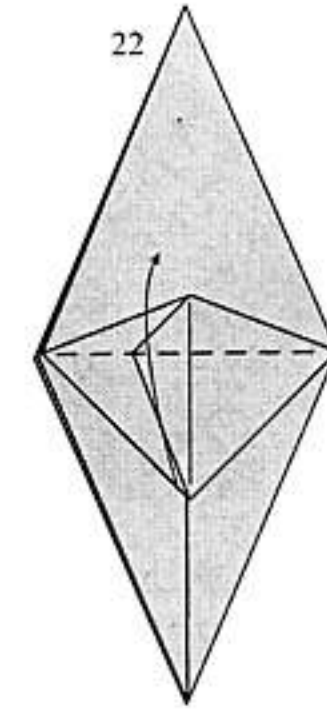
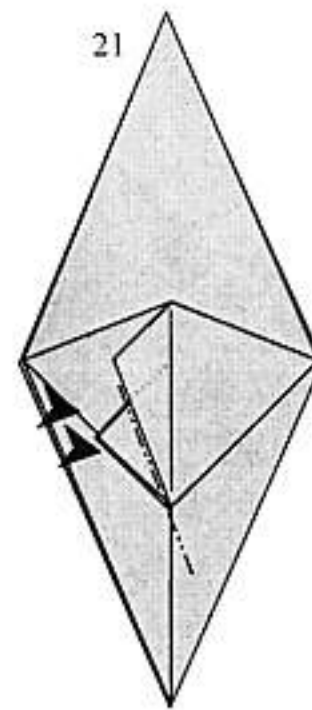
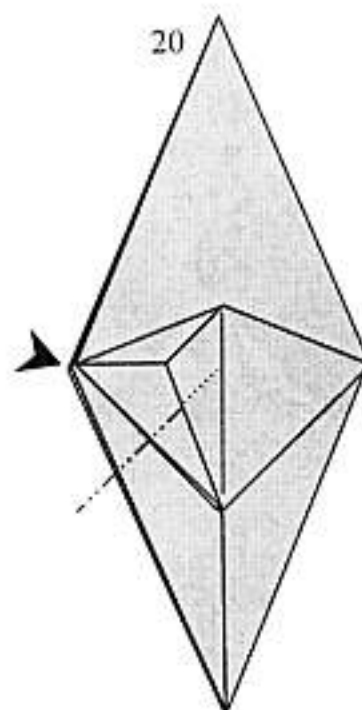
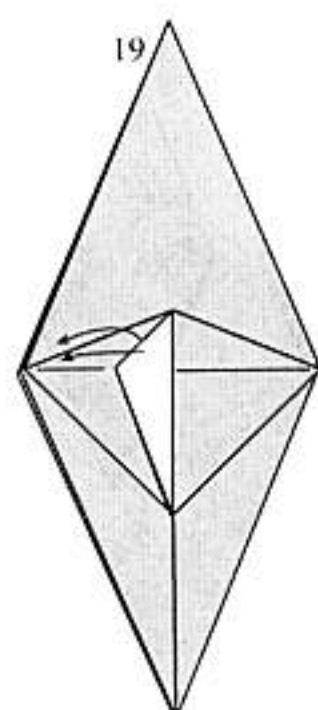
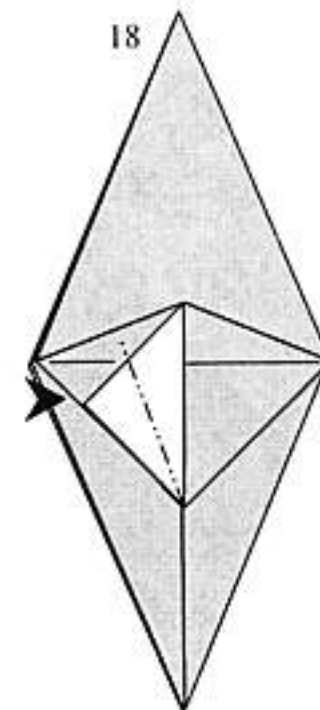
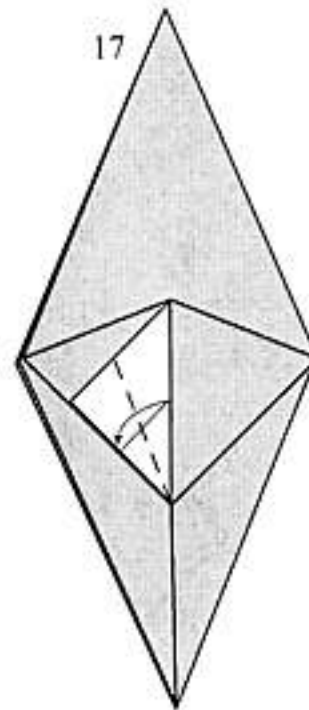
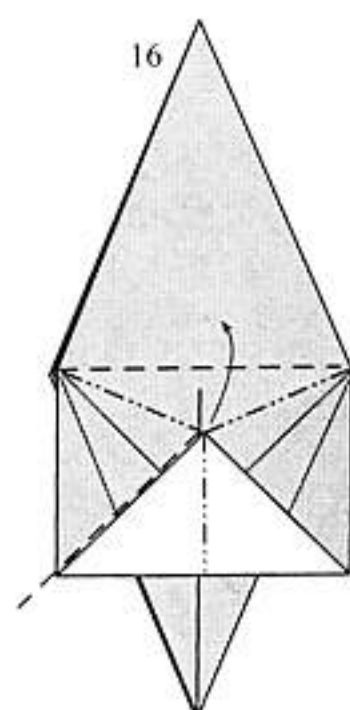
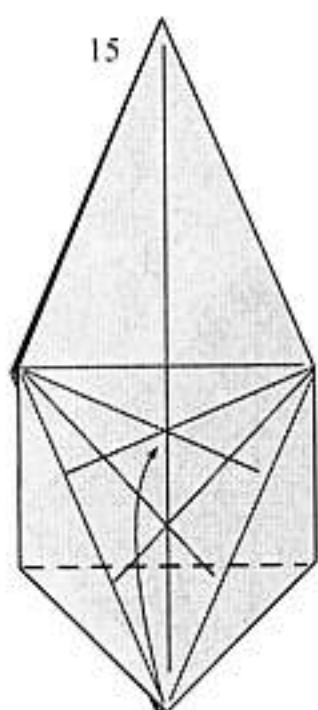
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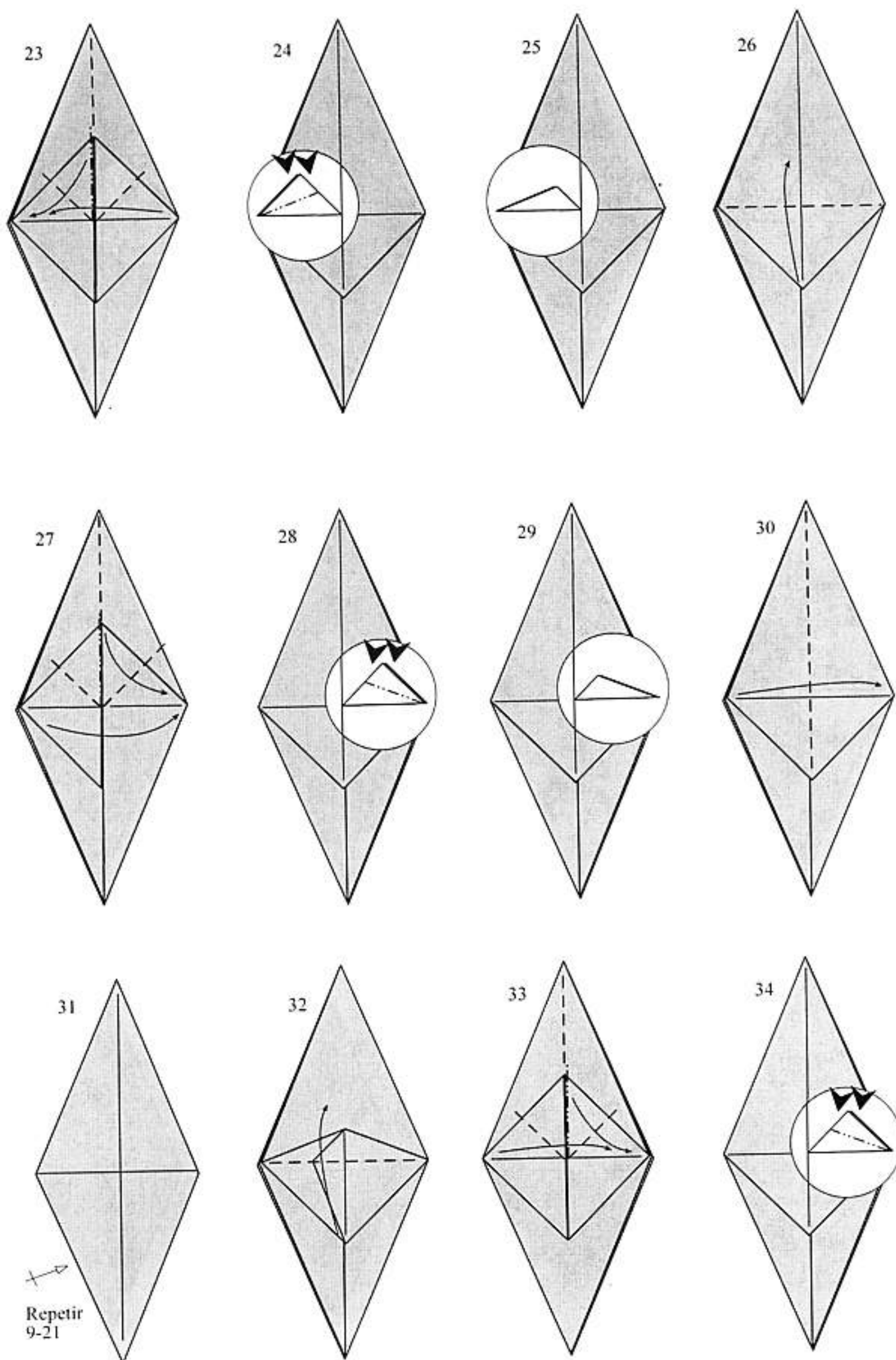


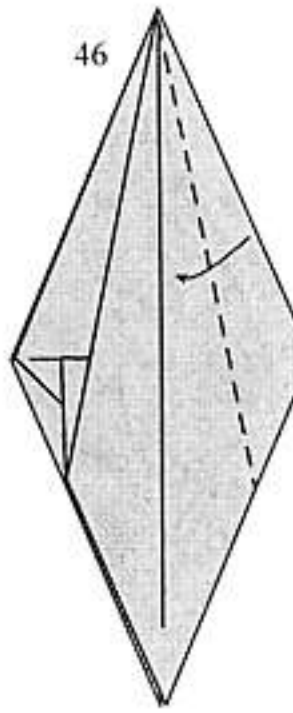
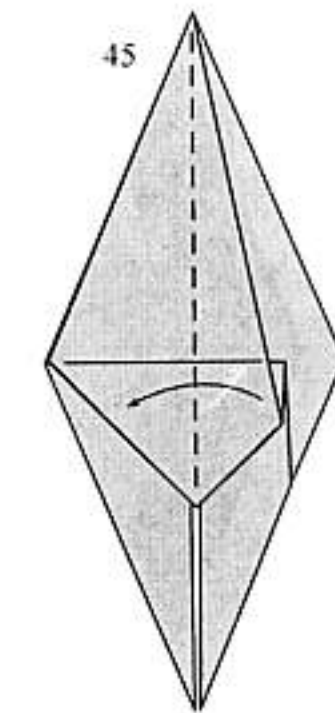
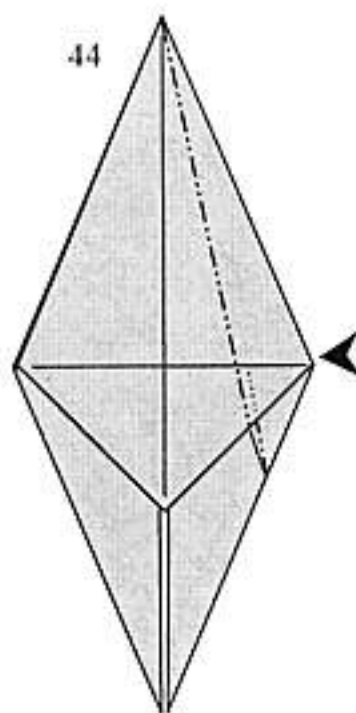
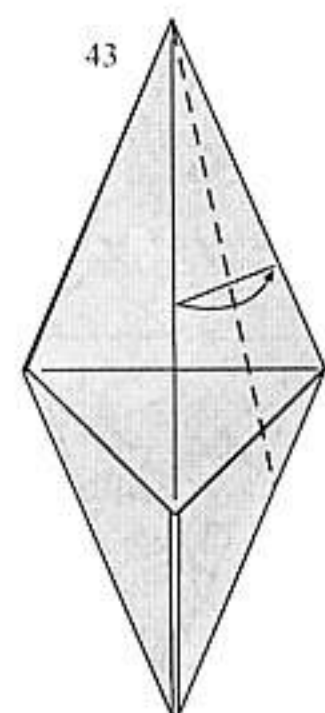
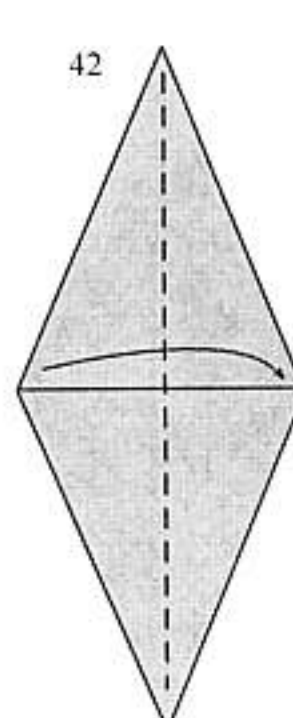
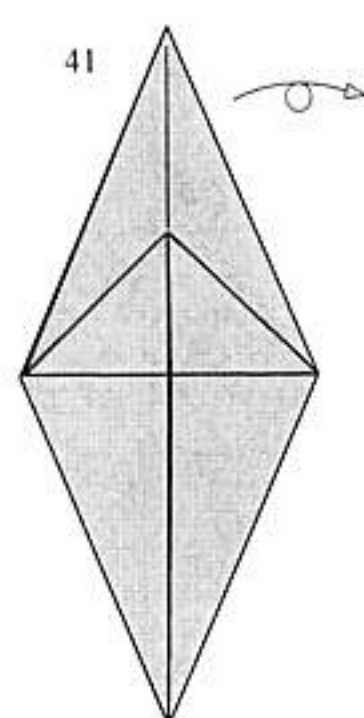
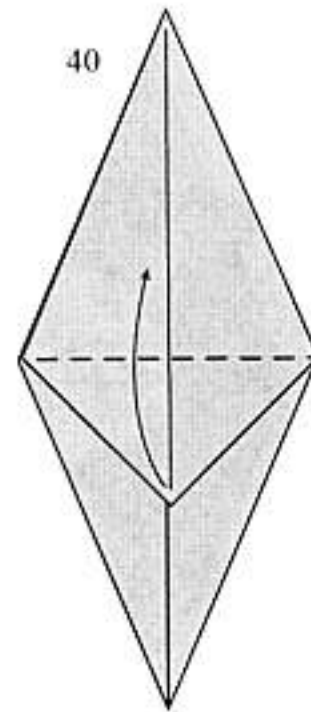
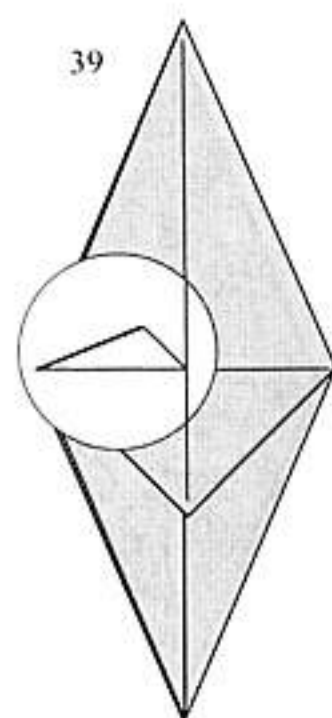
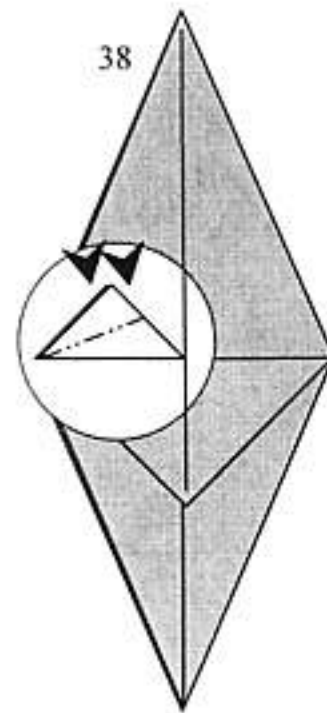
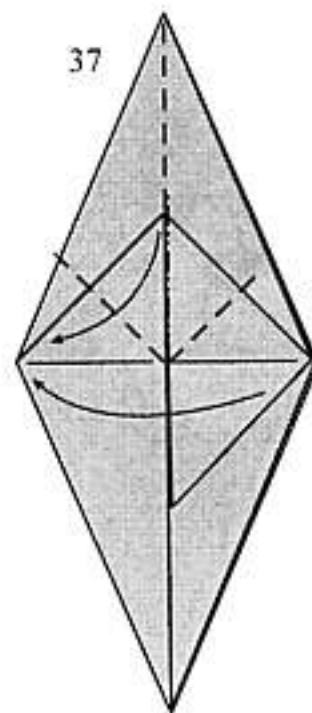
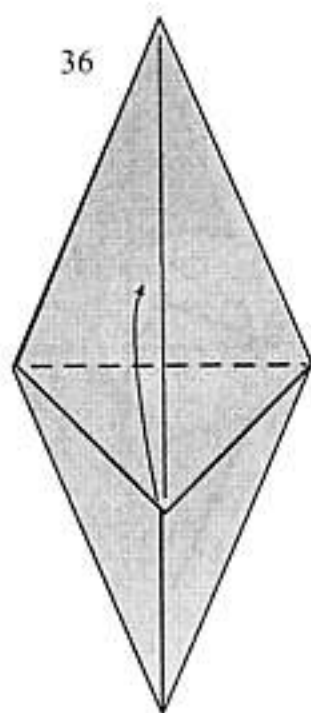
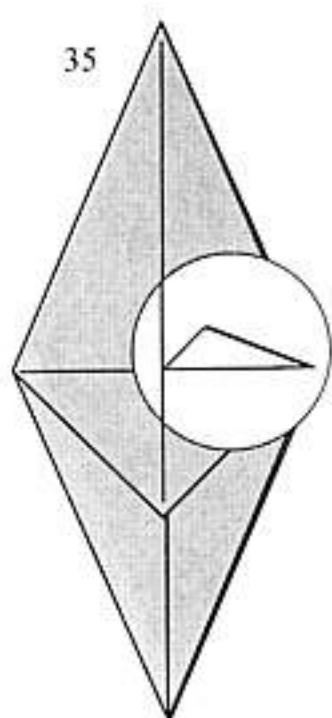


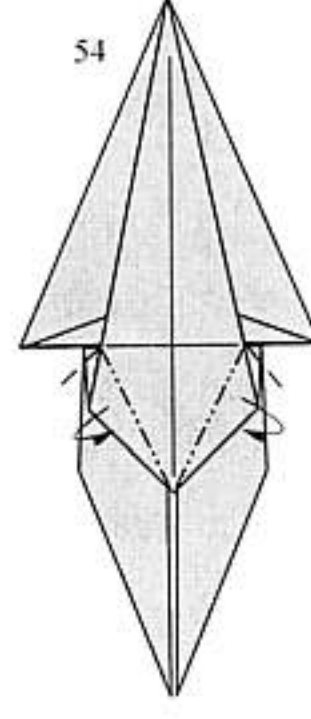
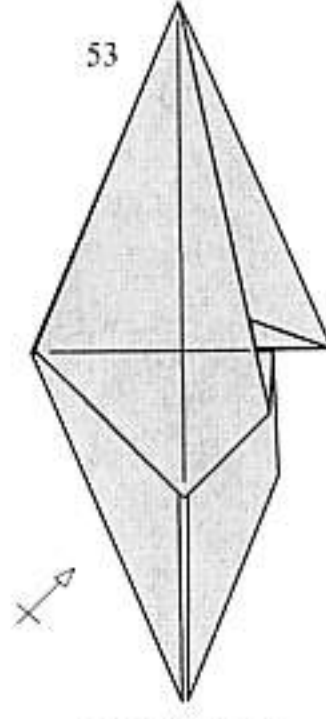
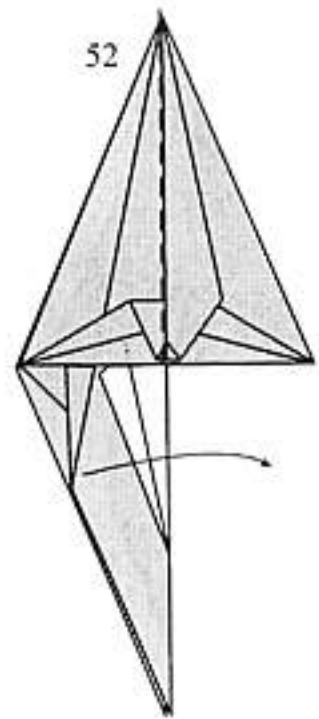
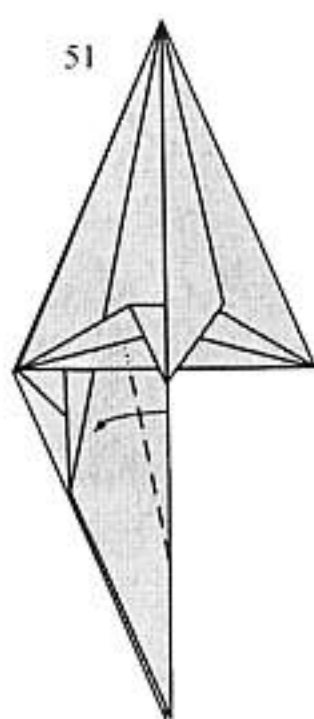
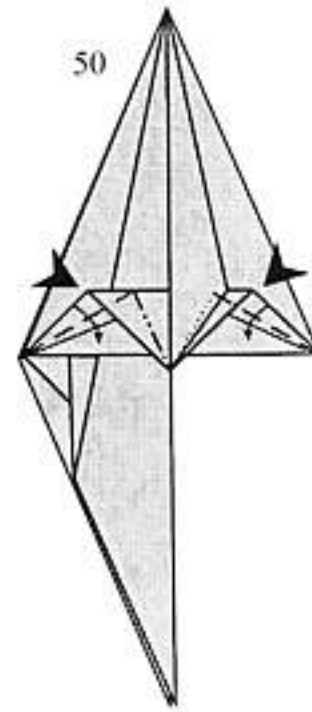
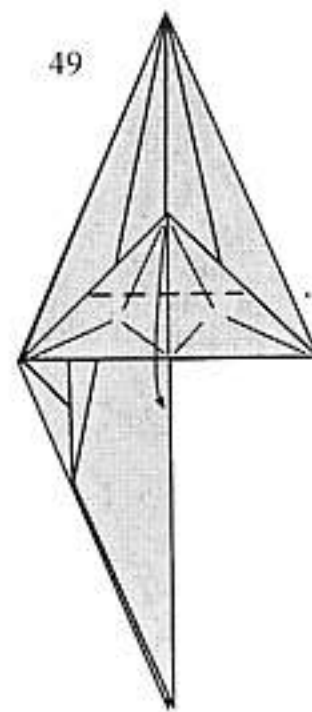
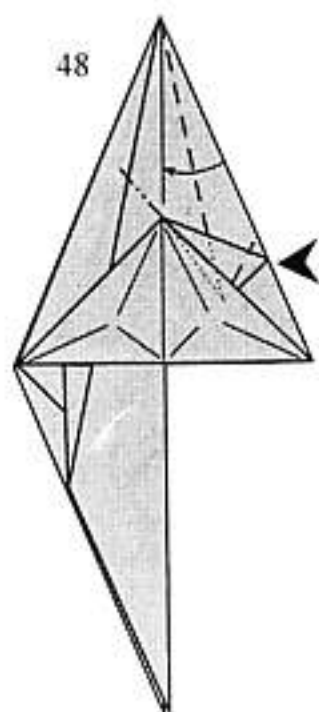
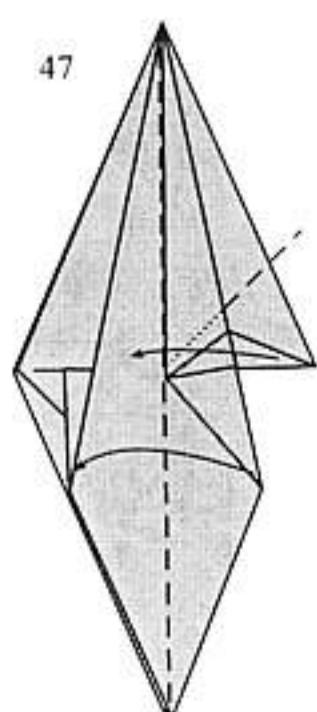
10-12
simetricamente

Sacar

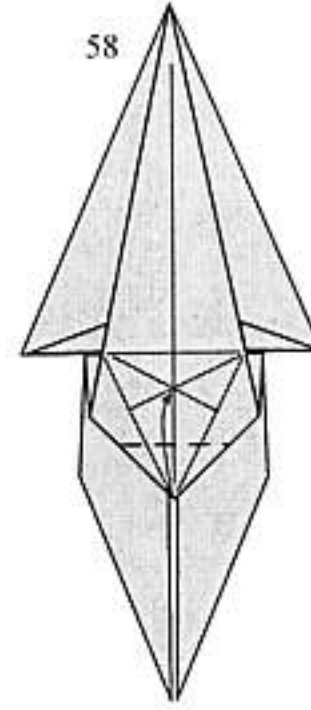
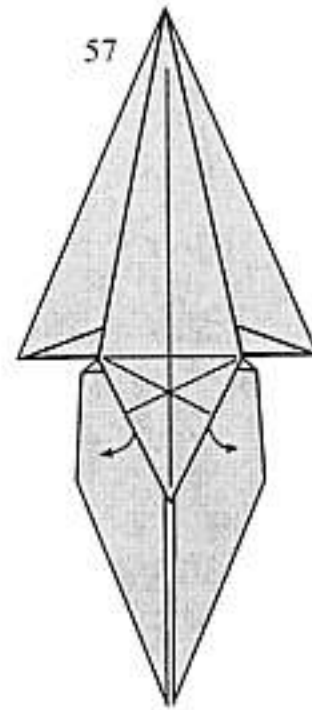
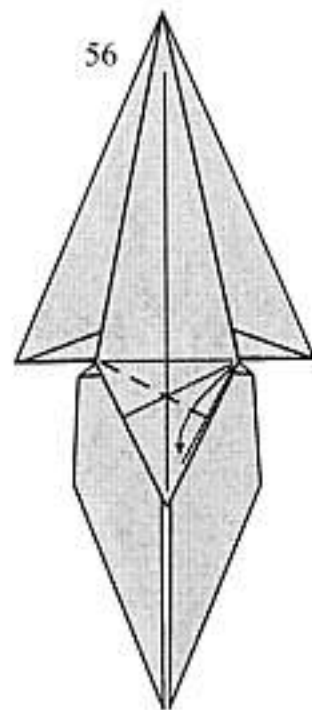
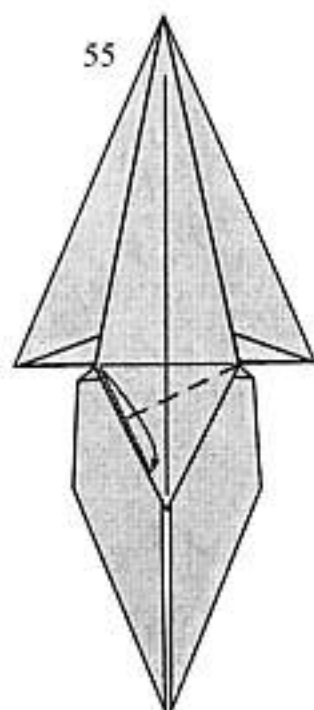


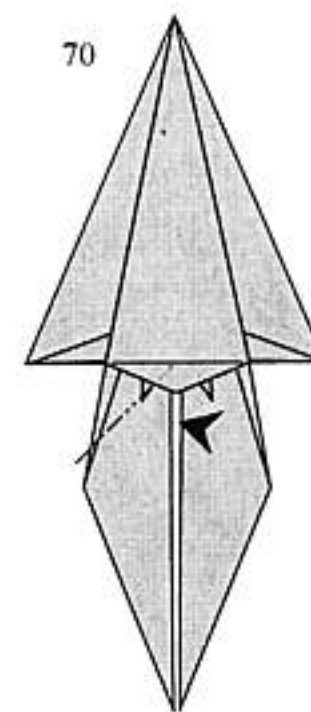
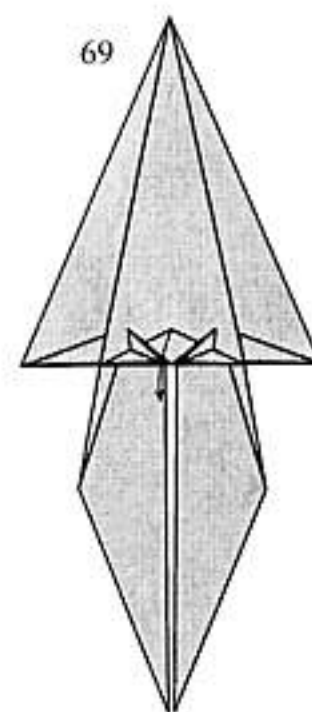
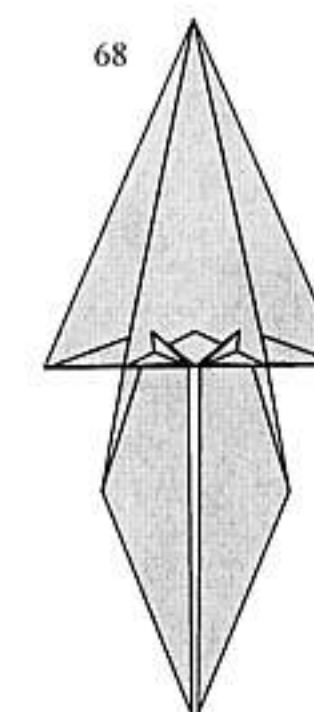
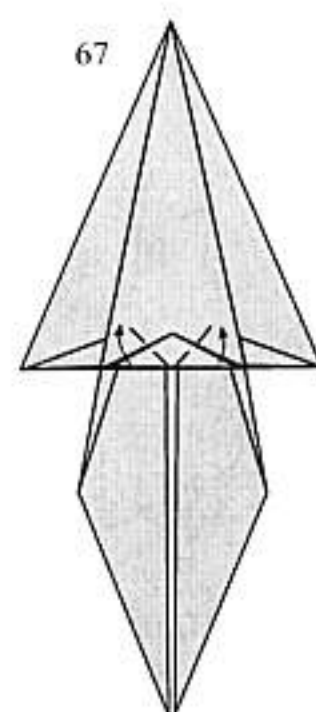
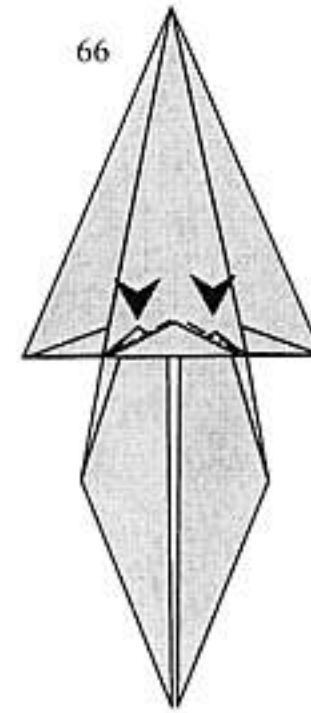
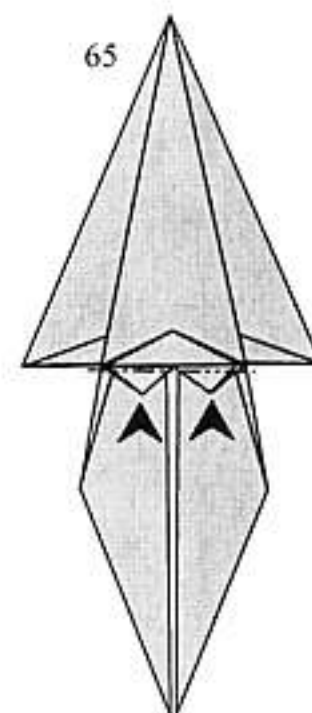
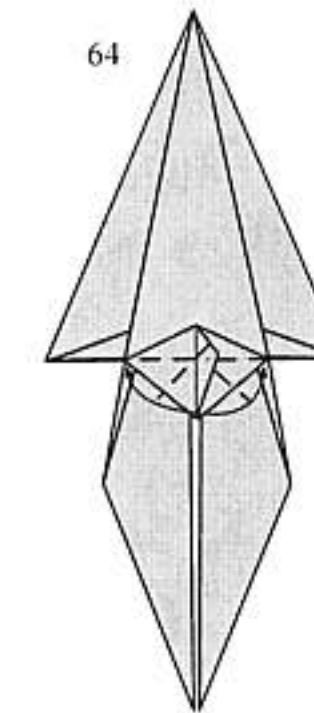
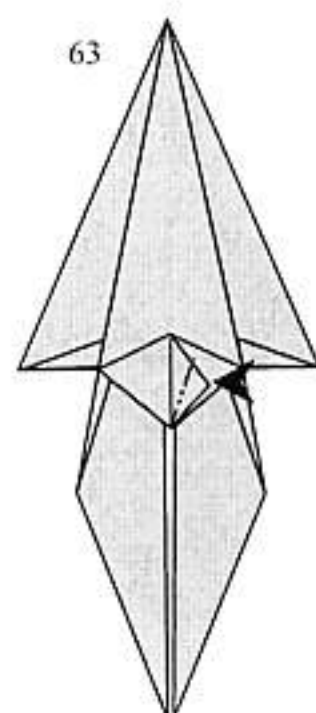
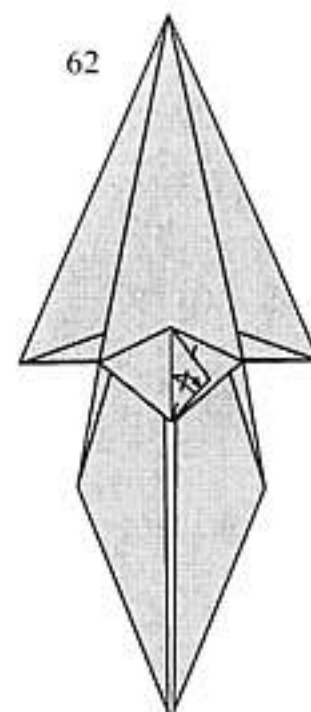
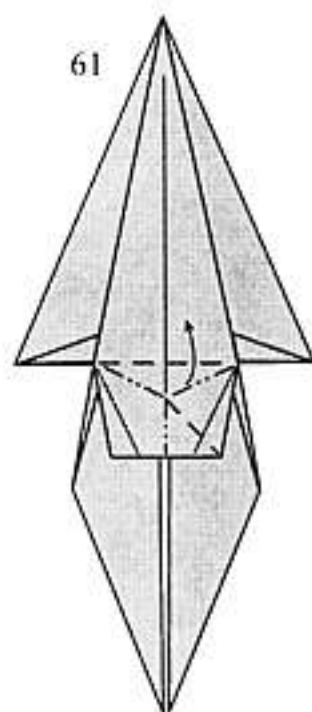
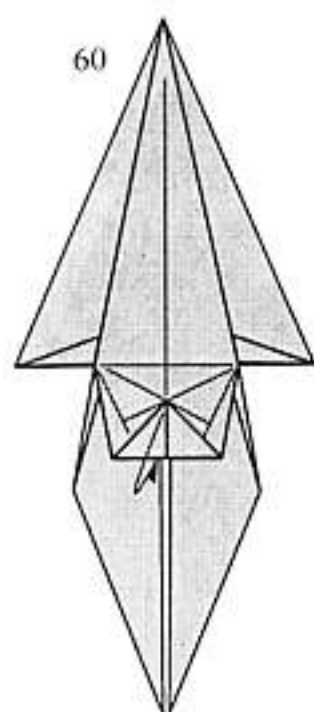
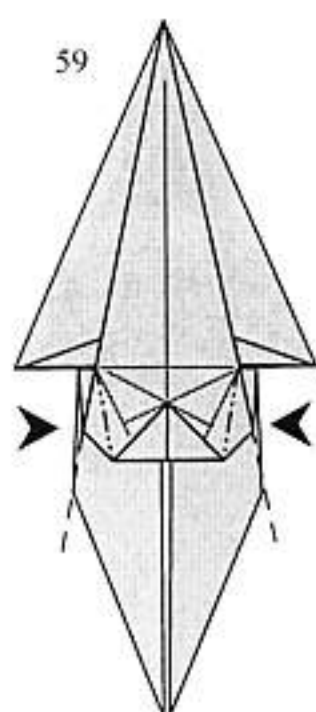


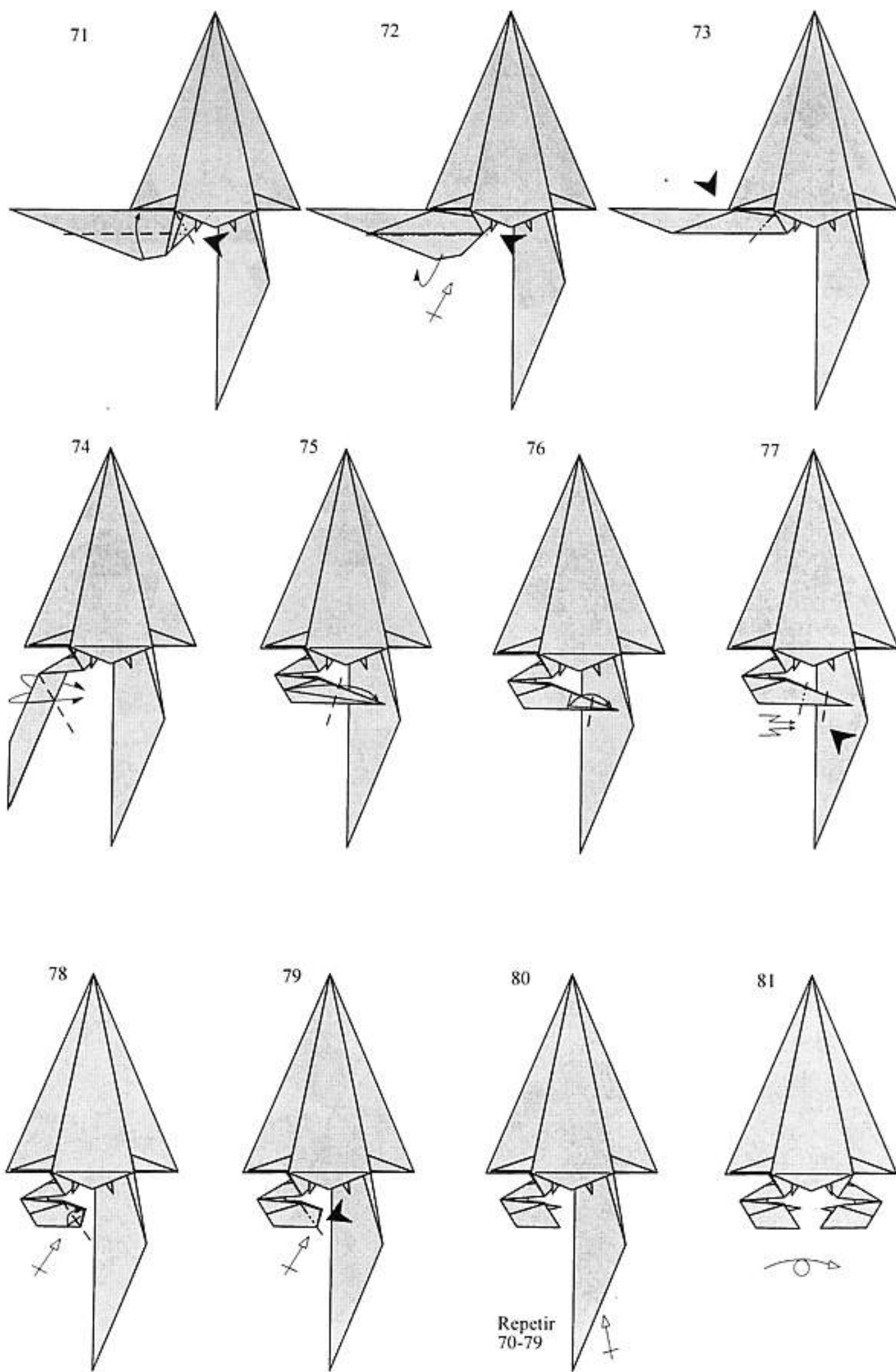


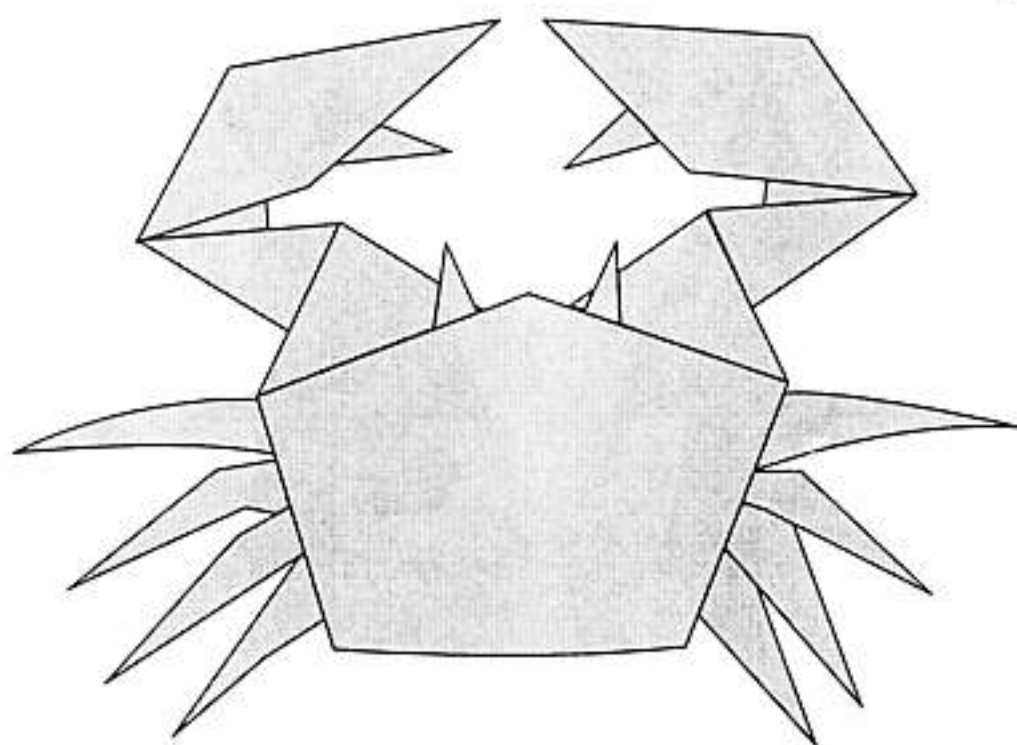
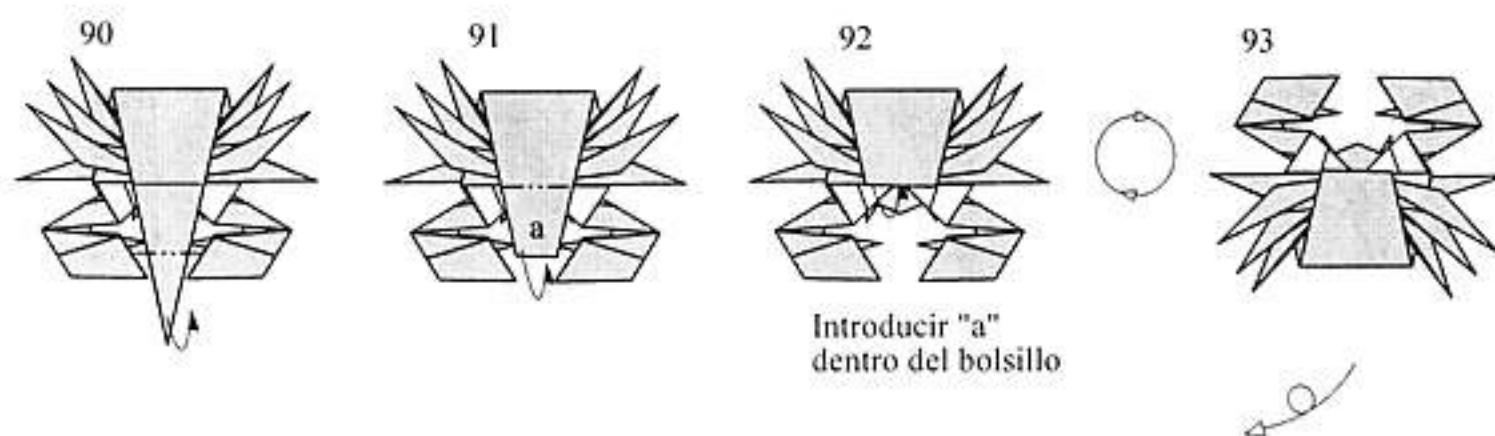
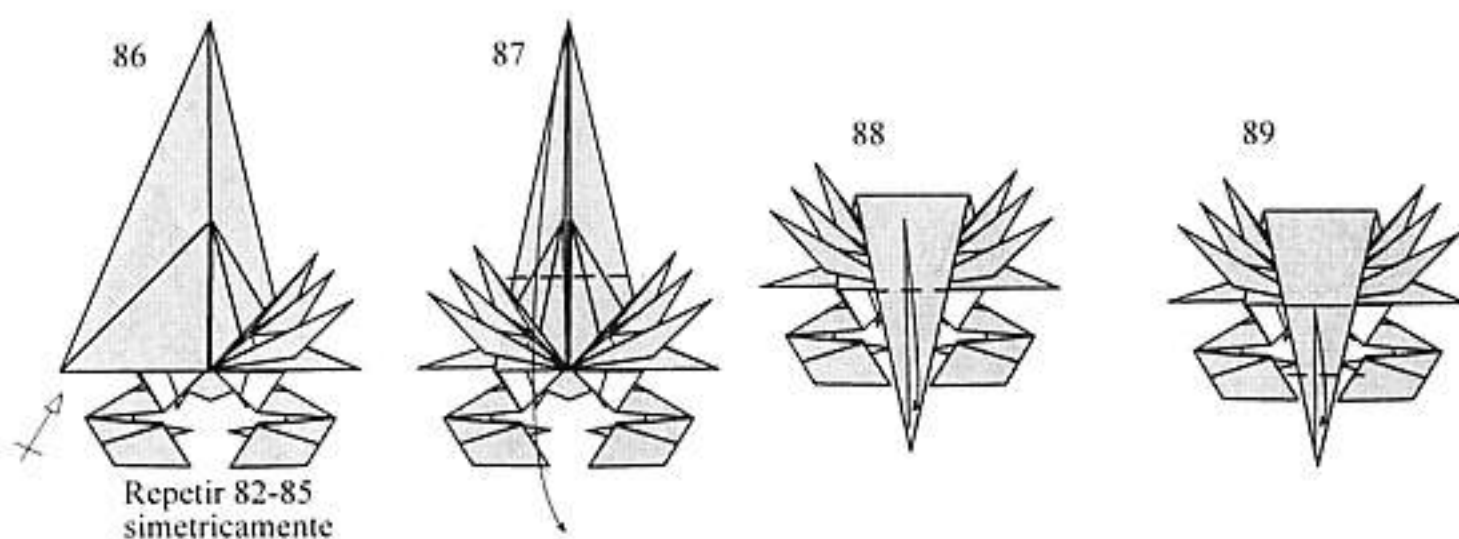
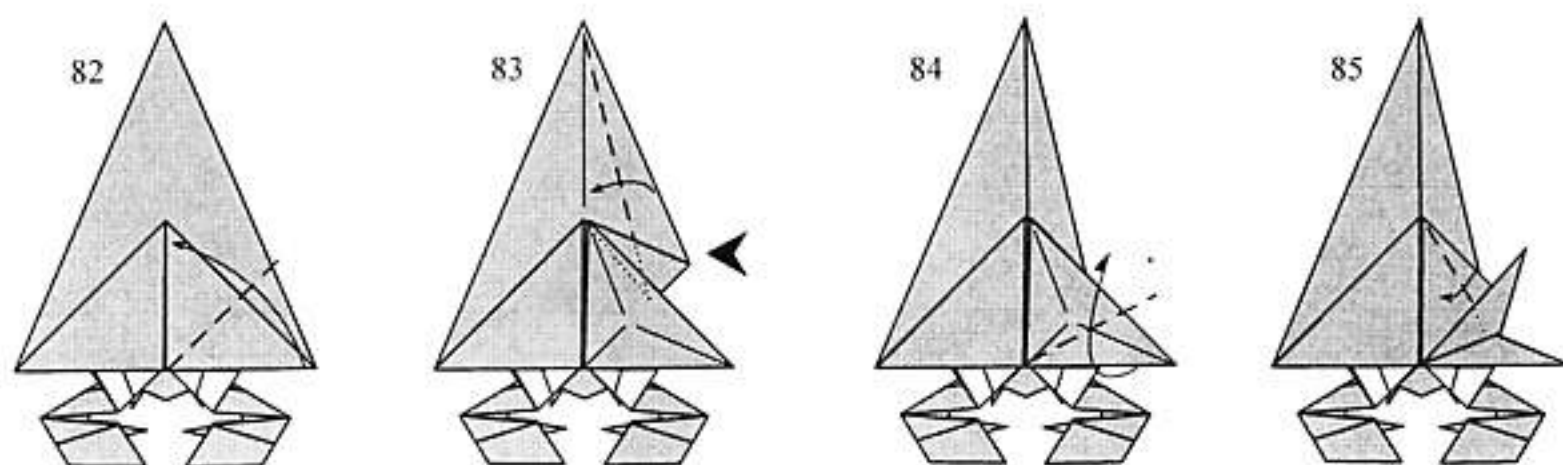


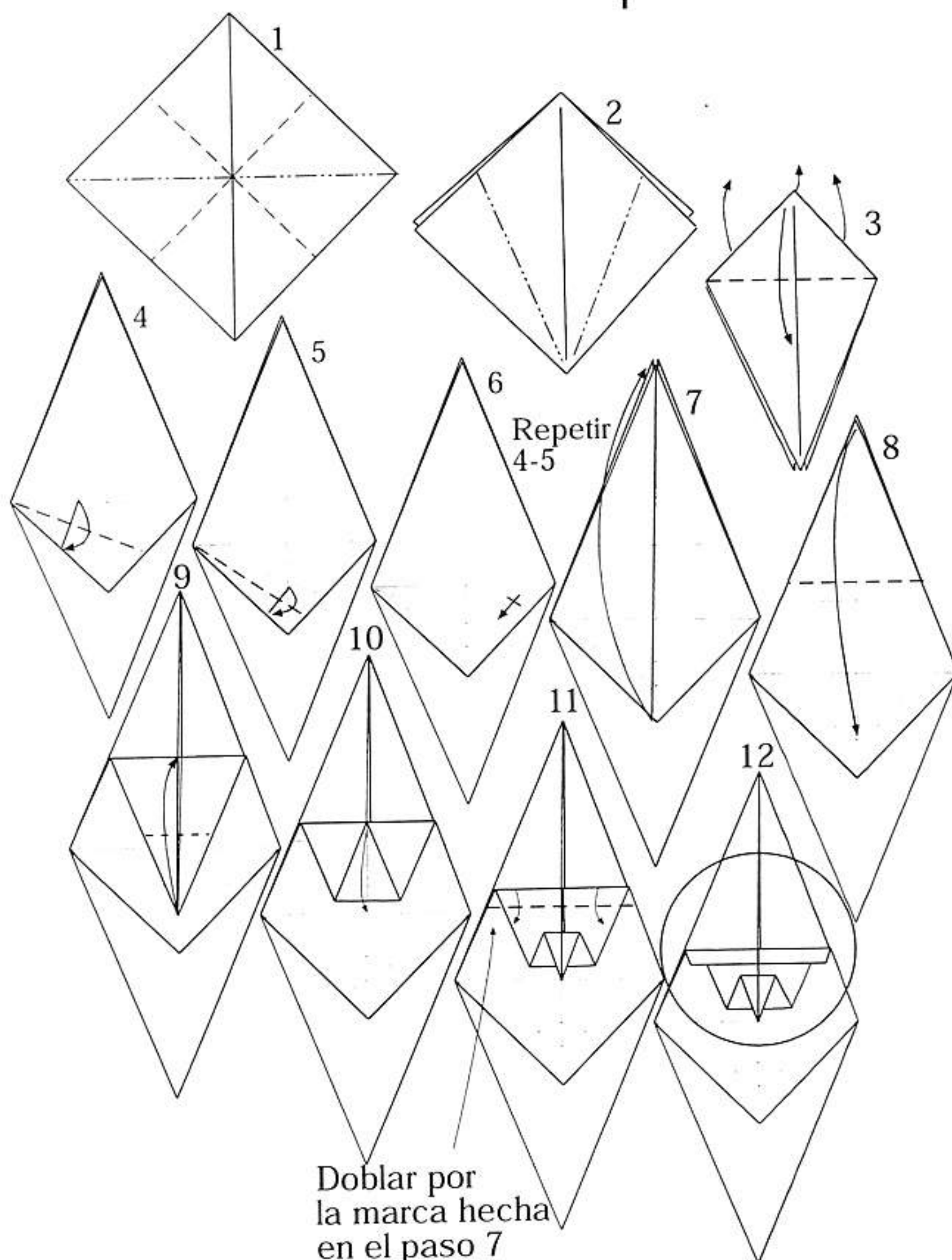
Repetir 43-52
simetricamente

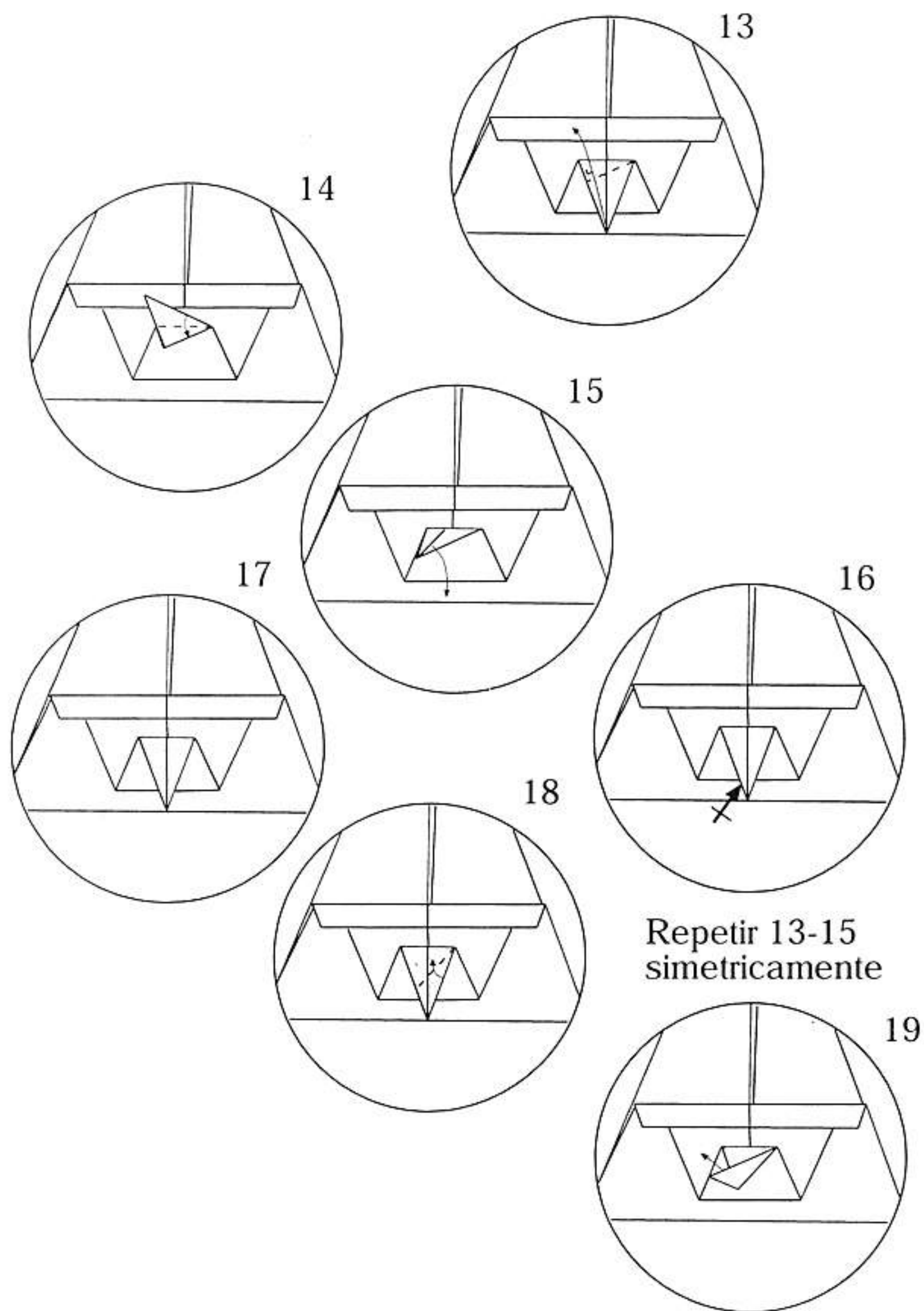


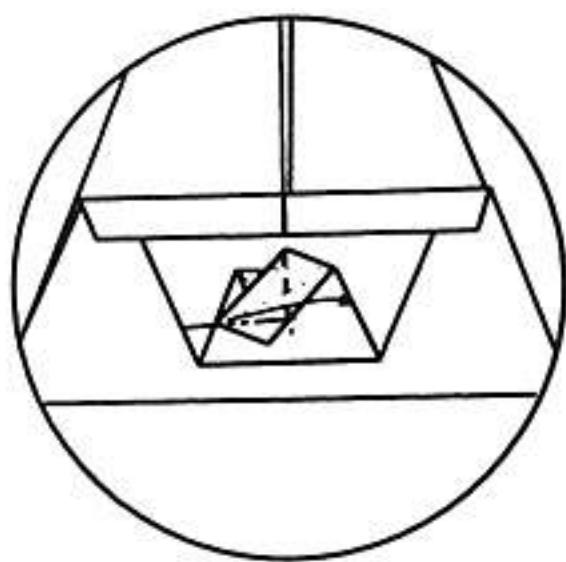




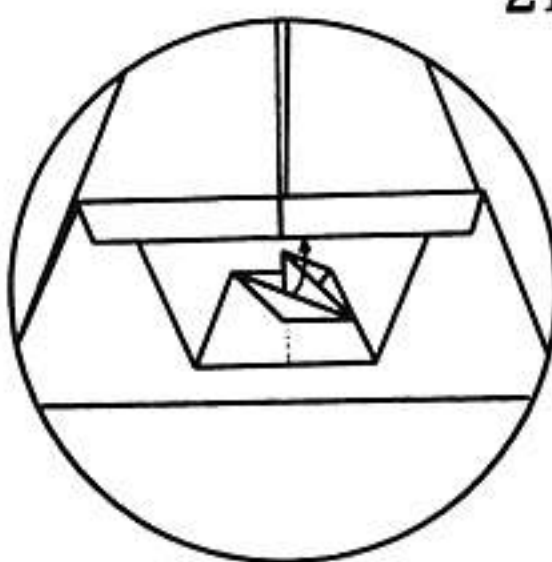




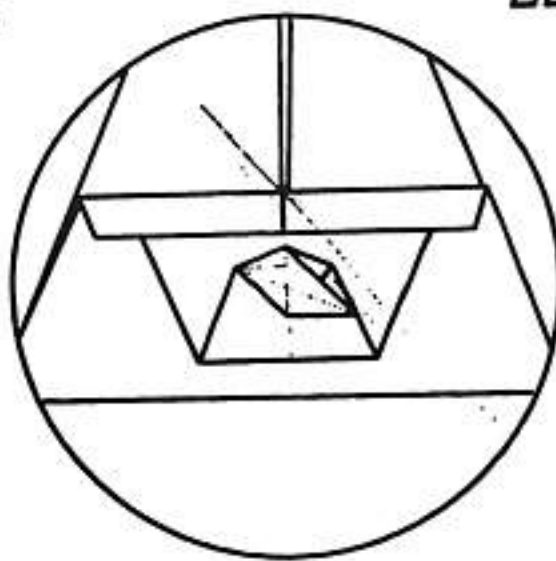




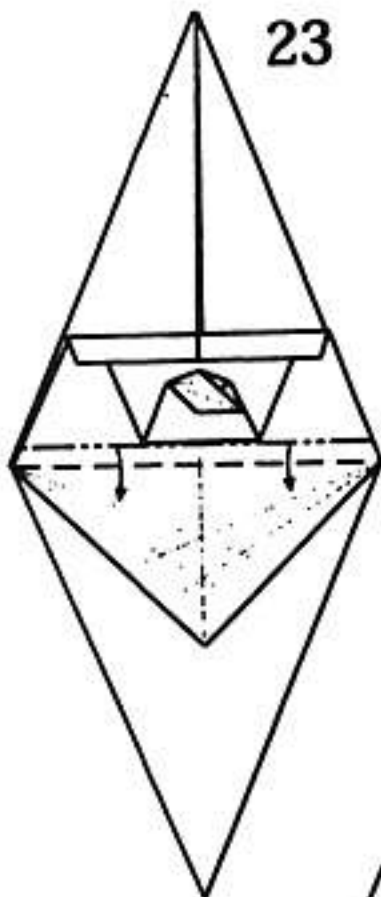
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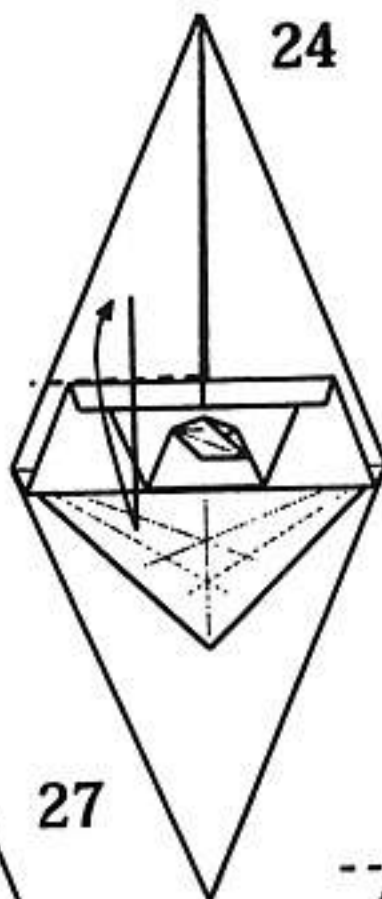
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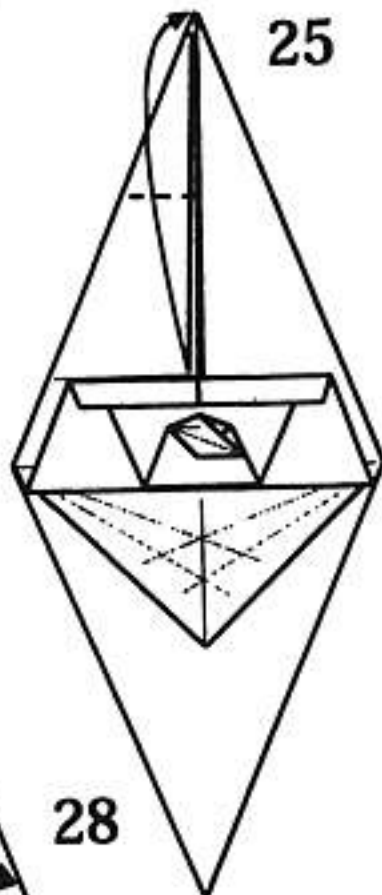
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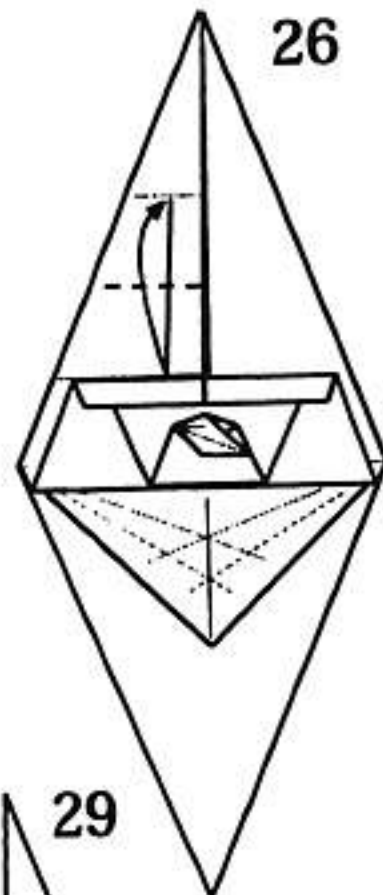
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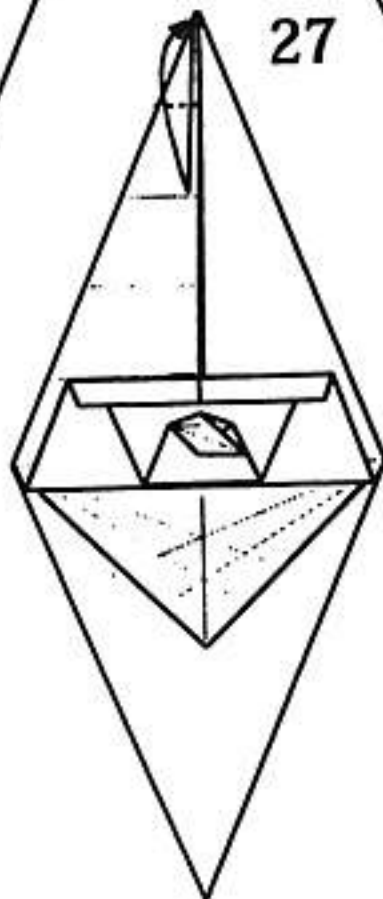
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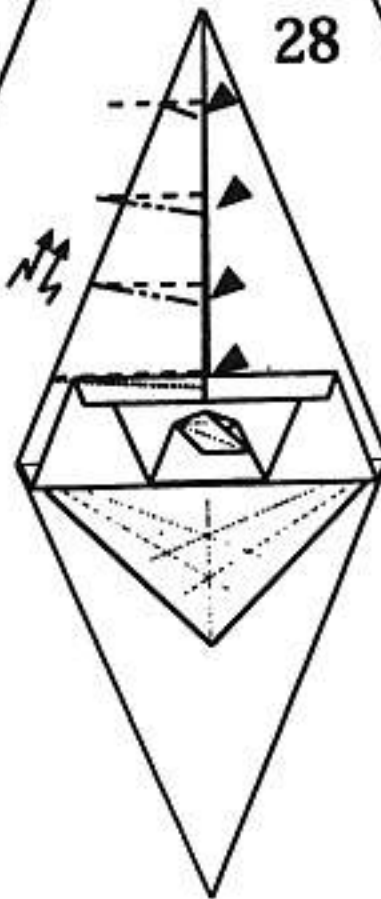
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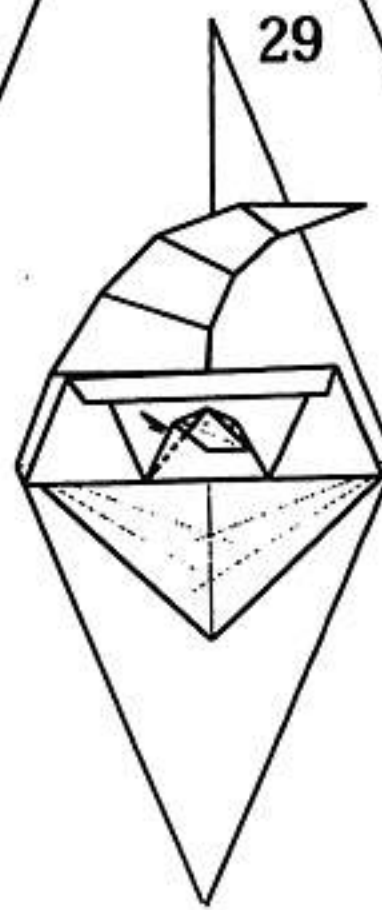
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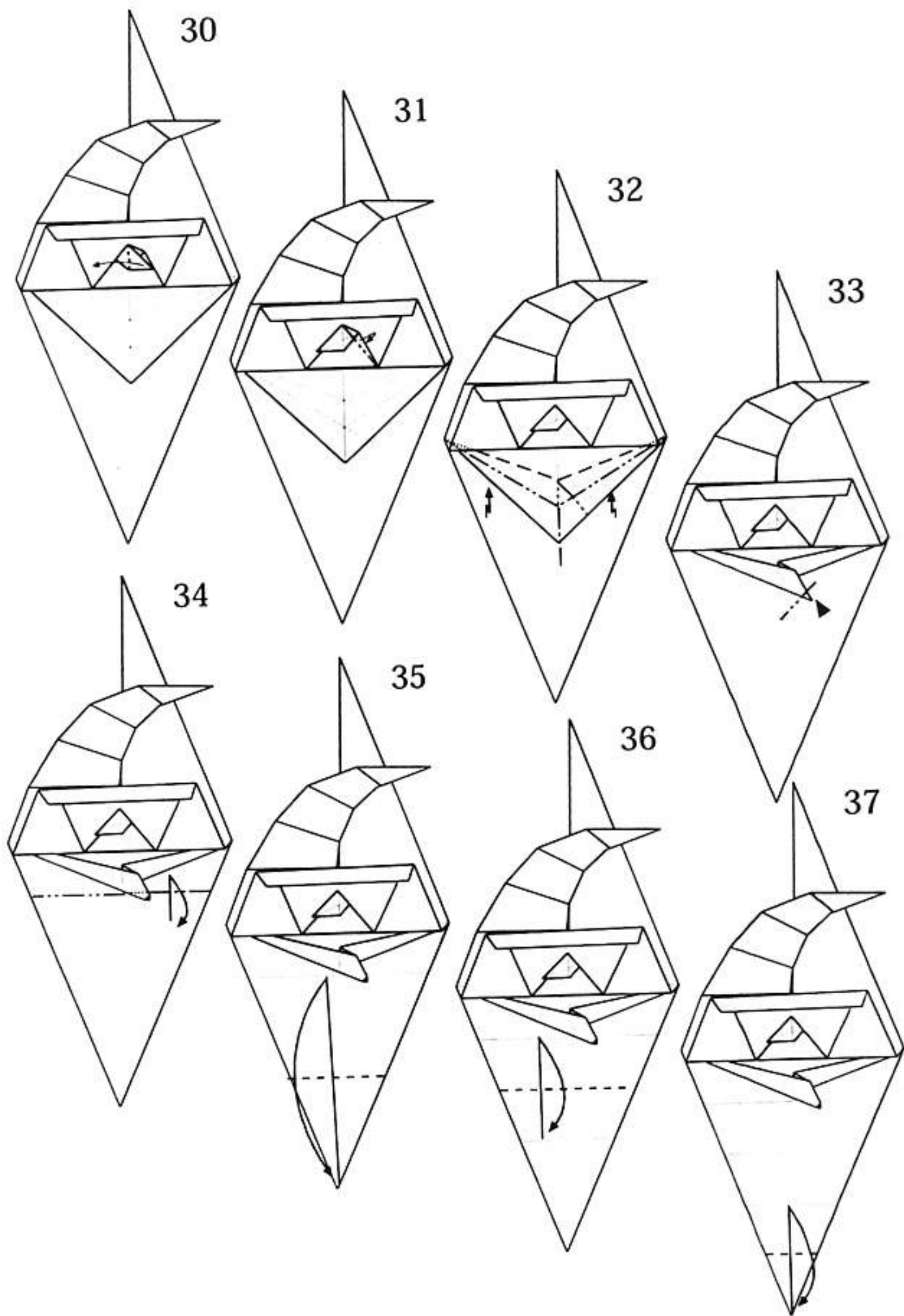


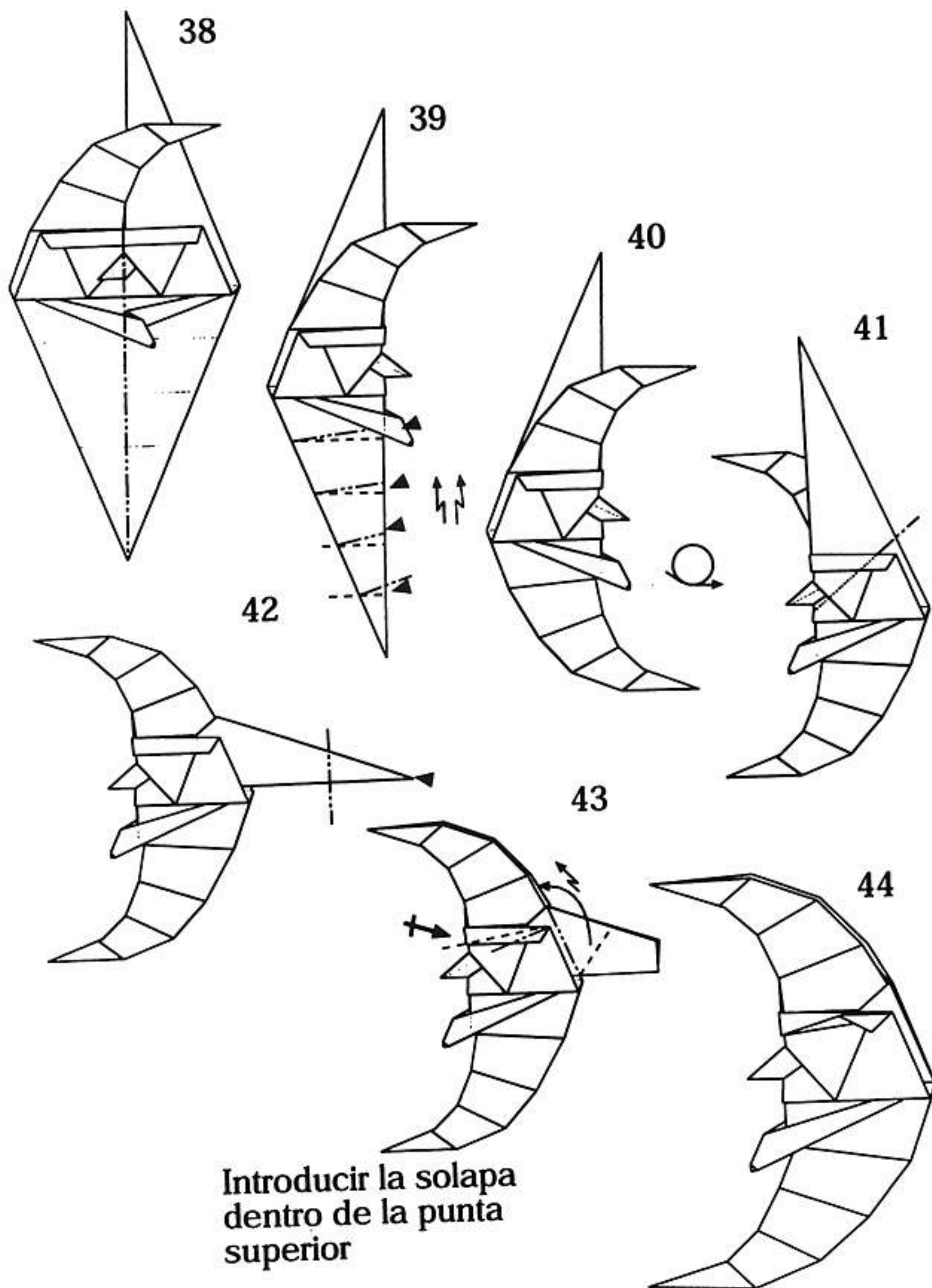
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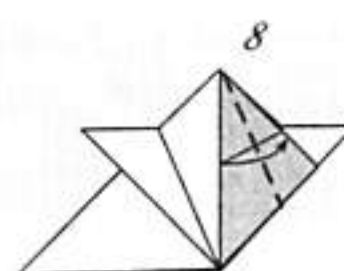
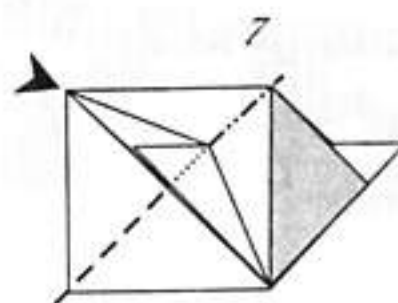
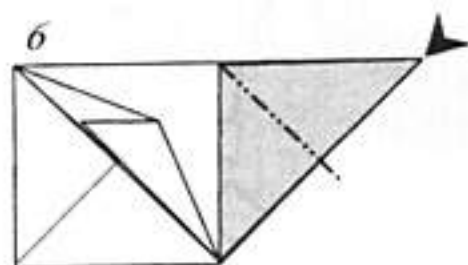
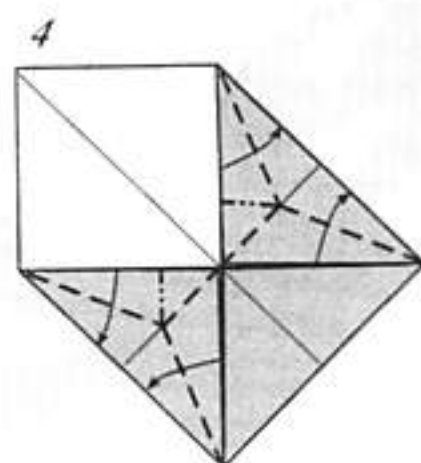
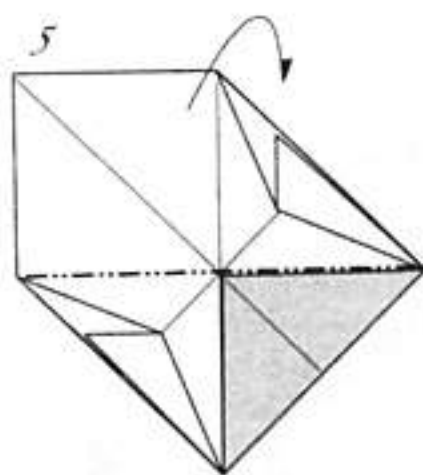
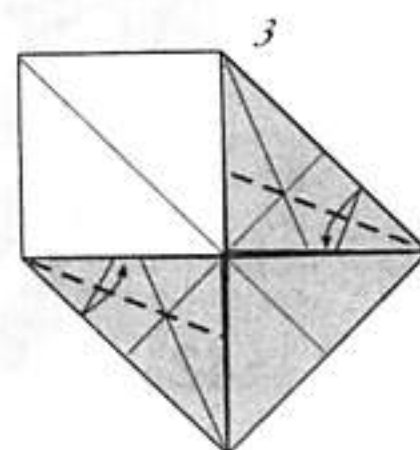
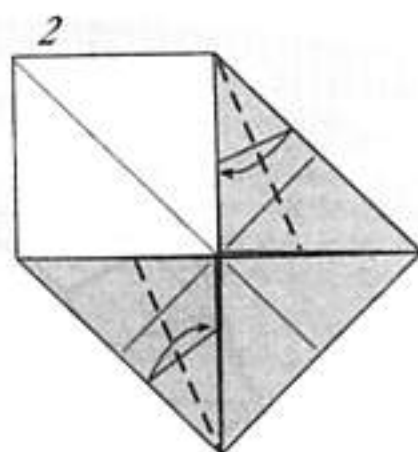
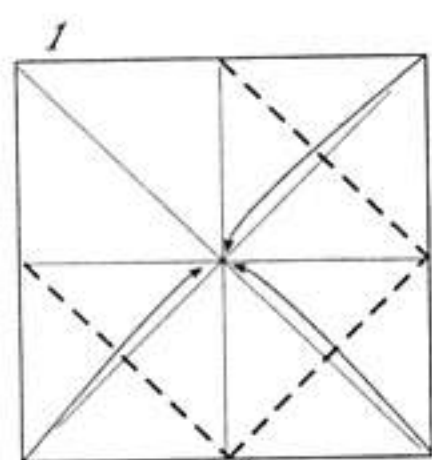


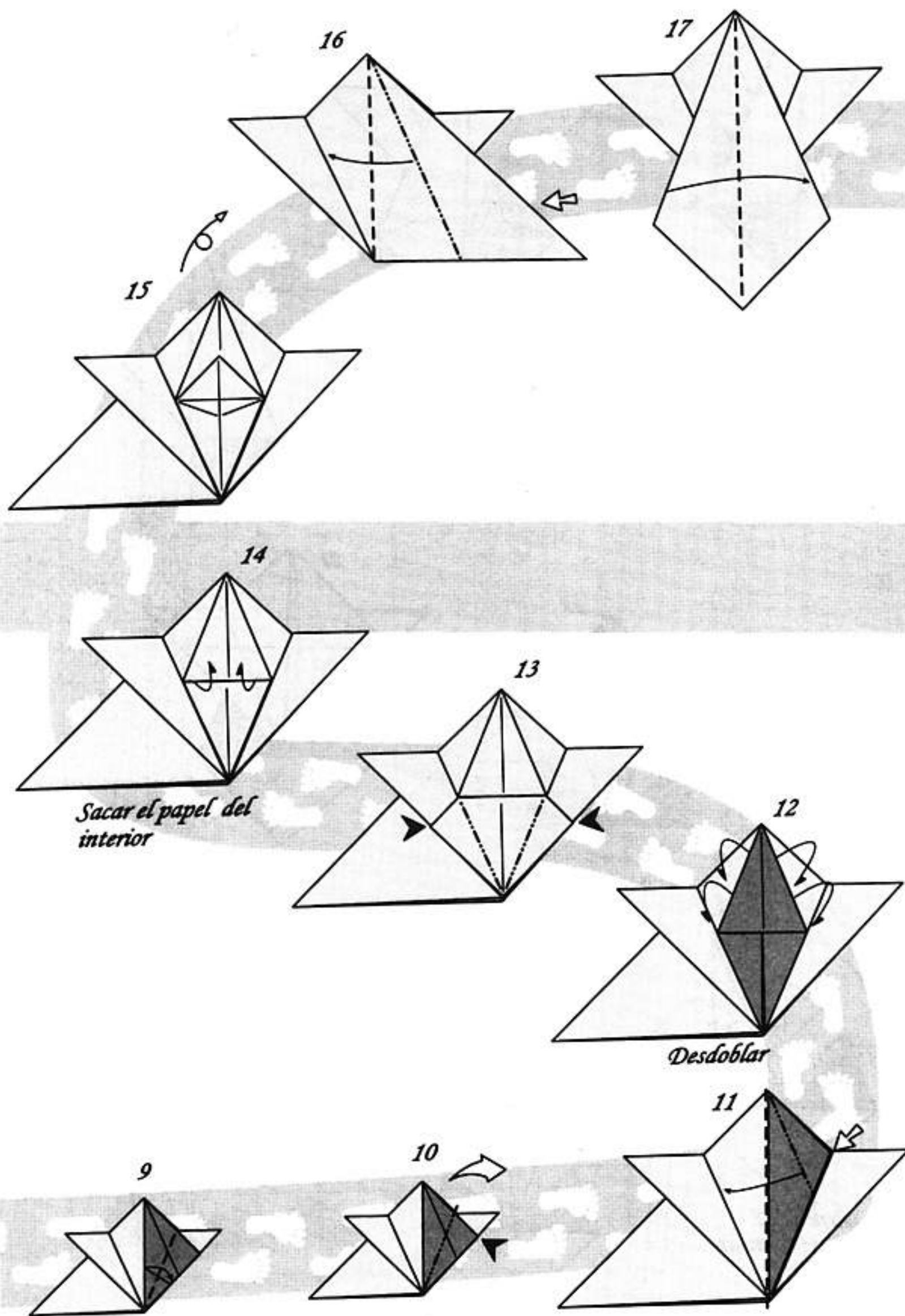
29

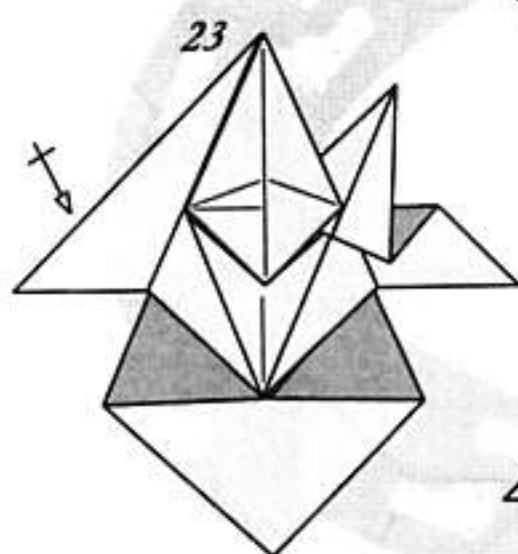
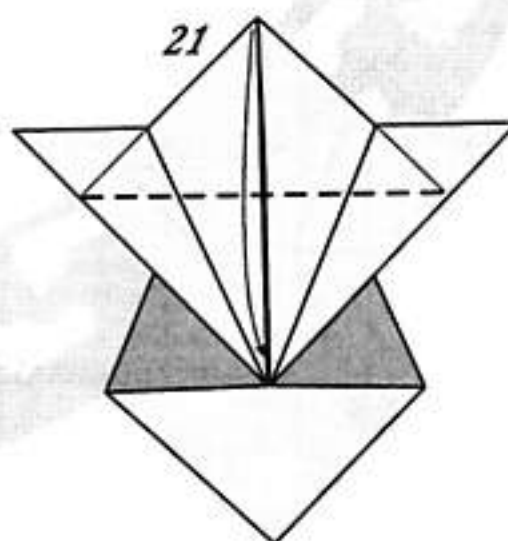
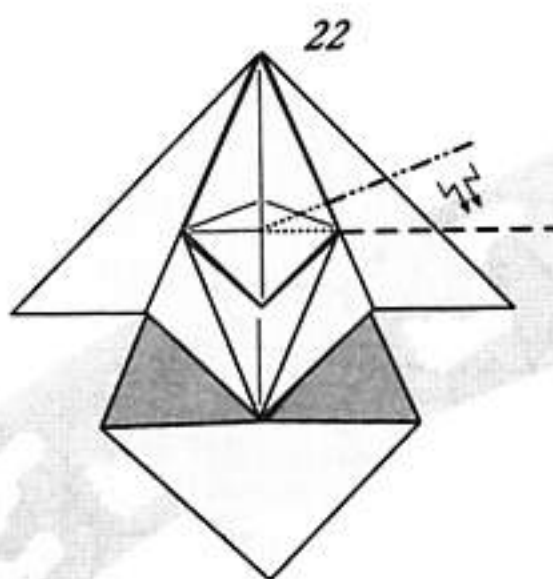
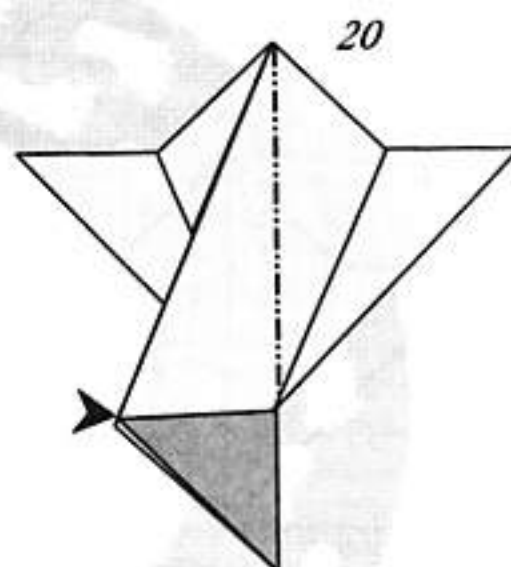
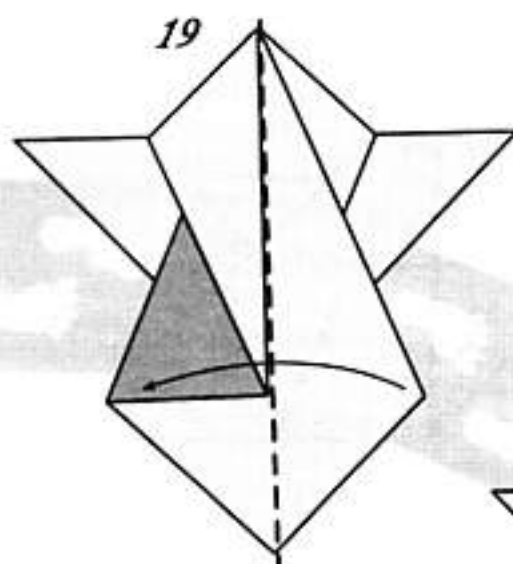
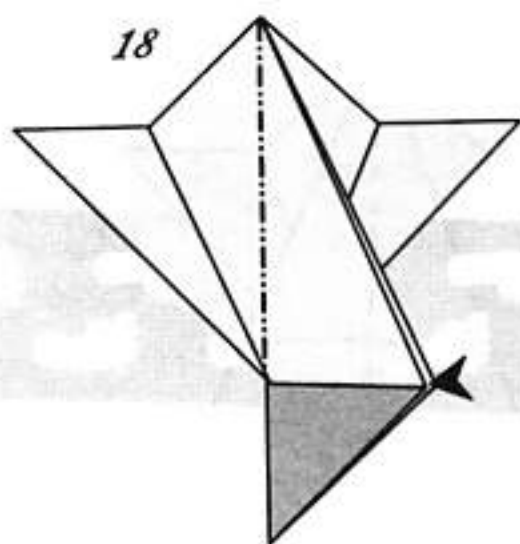




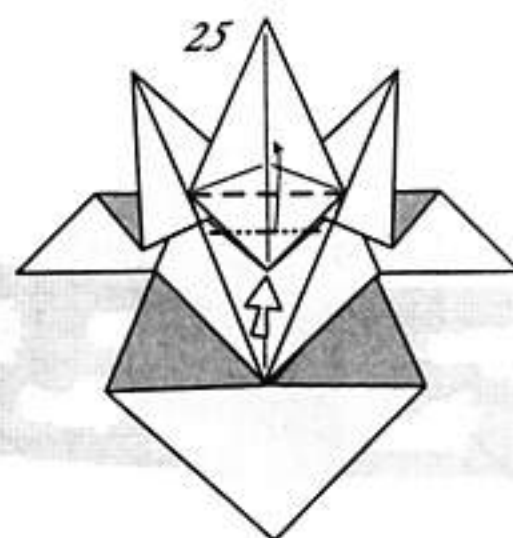
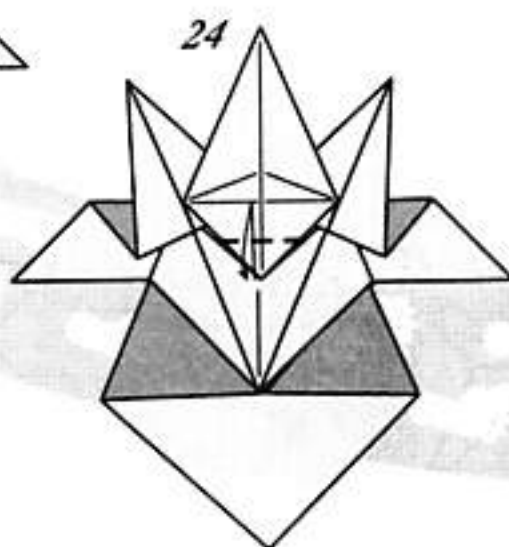


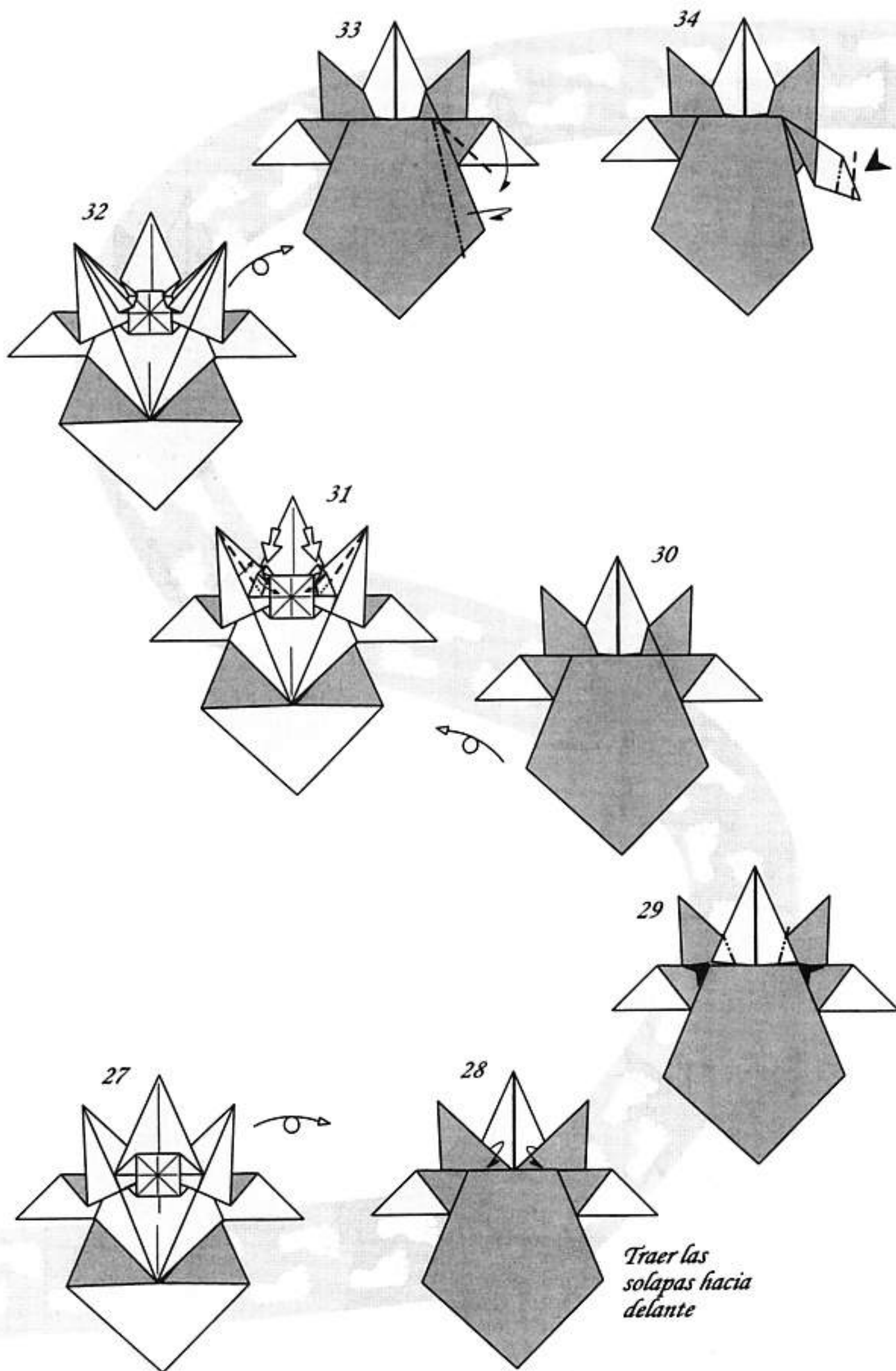


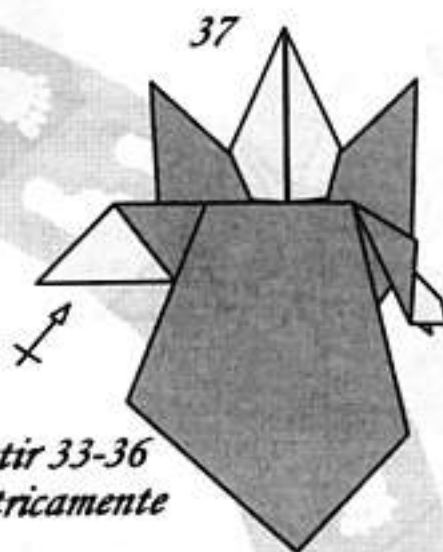
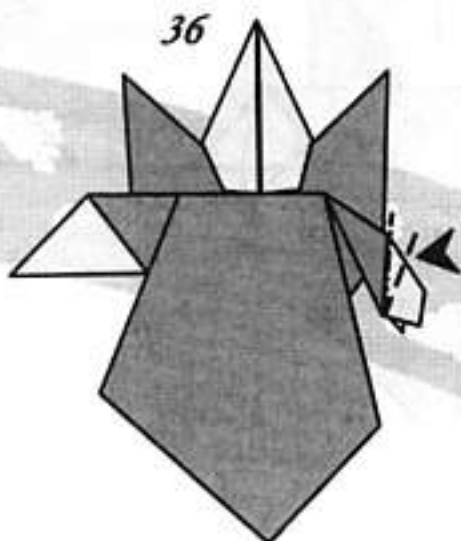
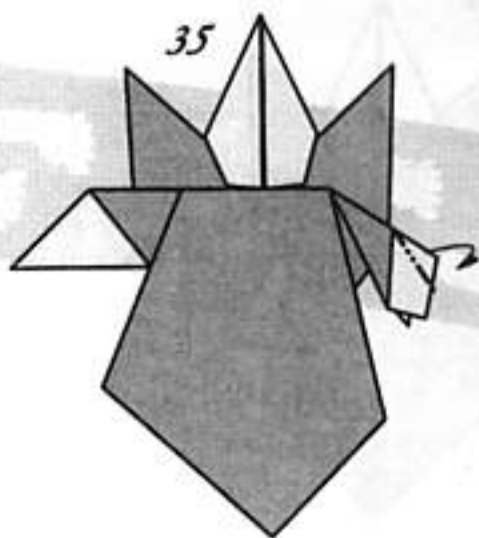




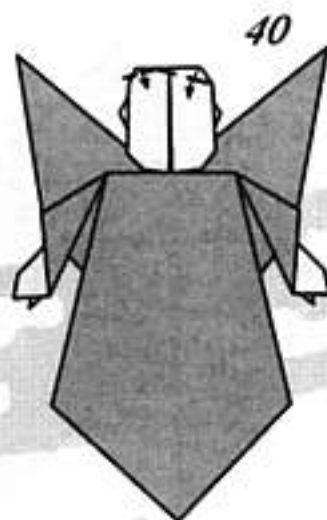
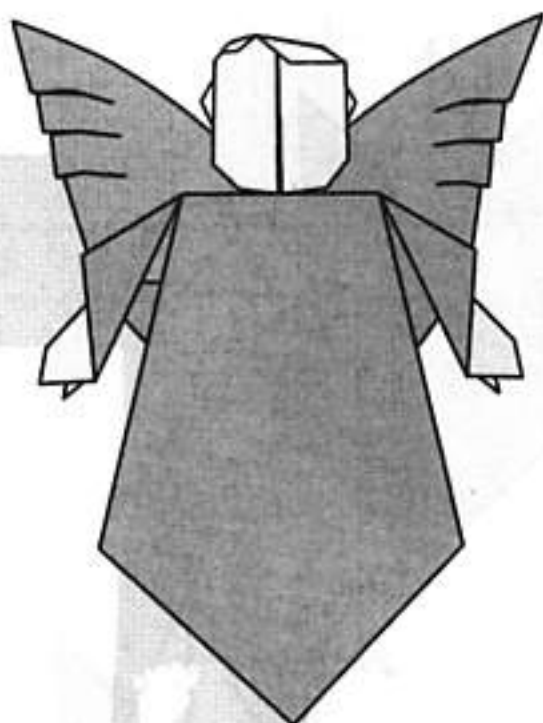
*Repetir 22
simétricamente*

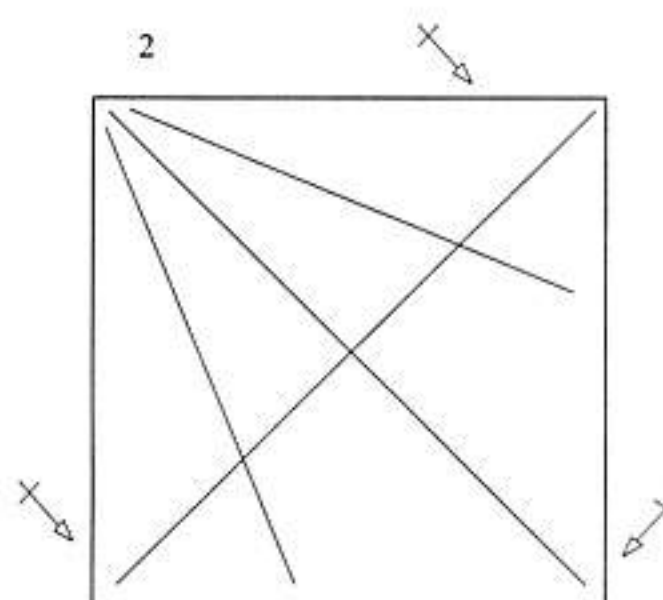
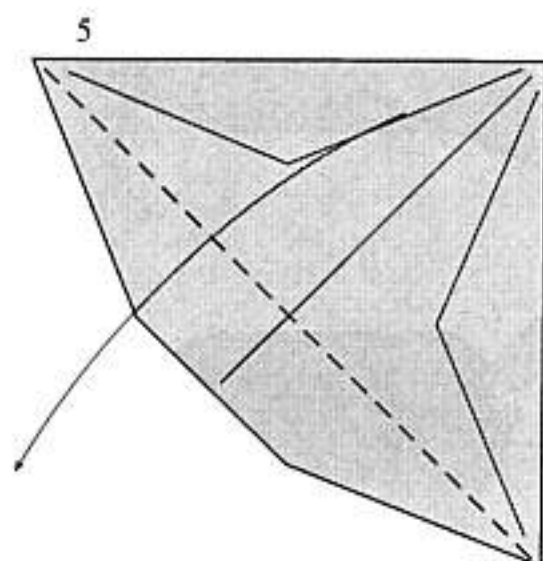
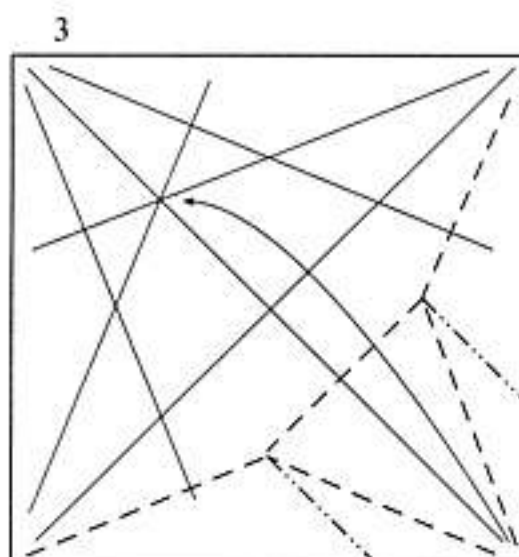
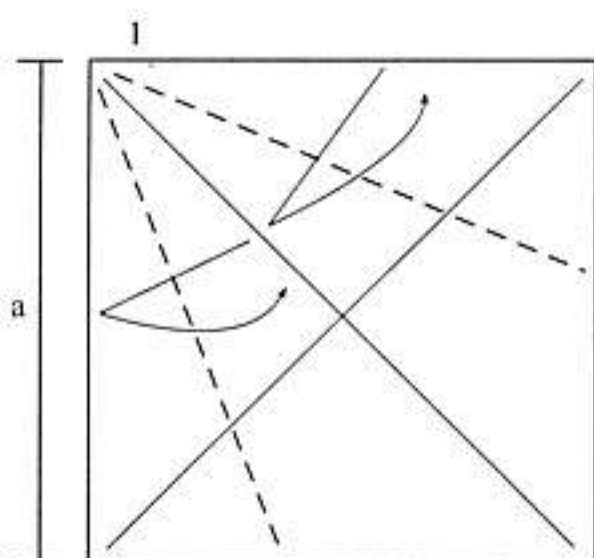
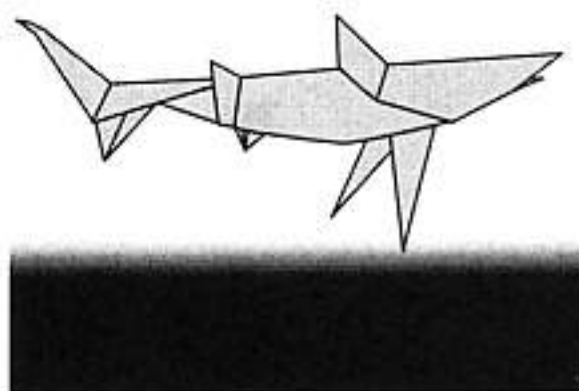




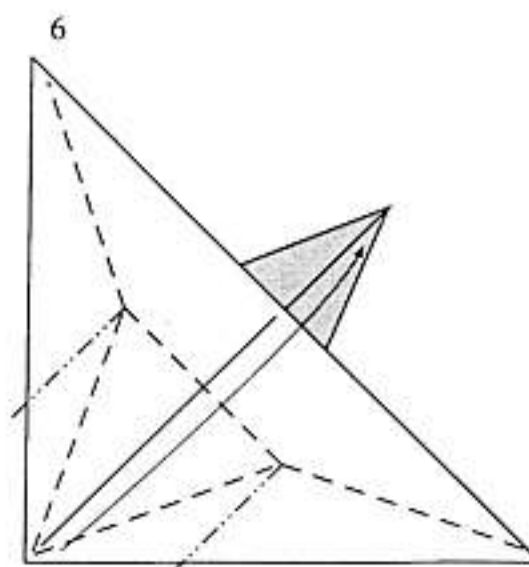
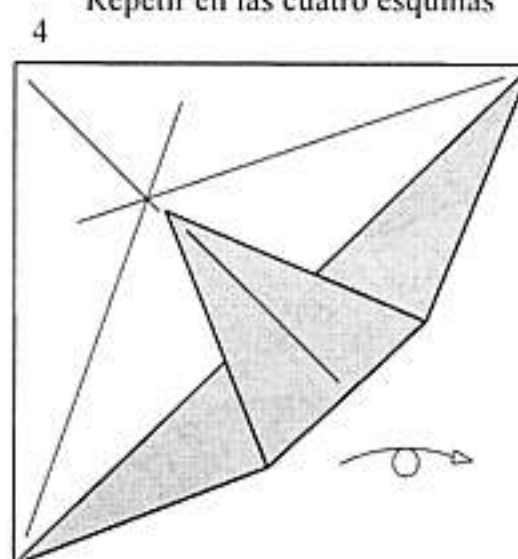


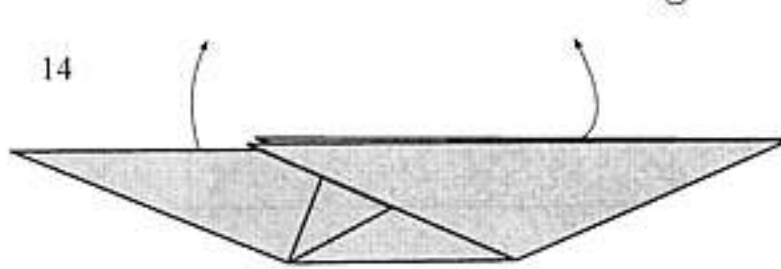
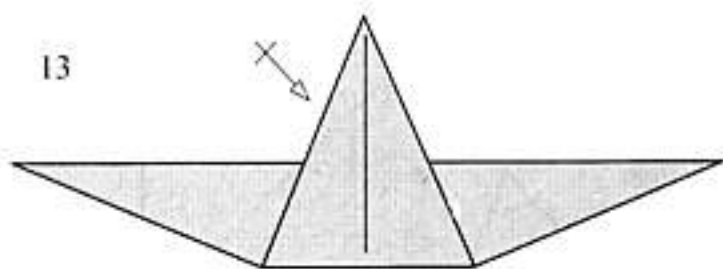
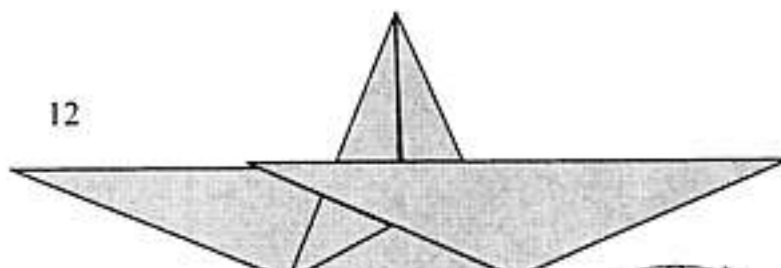
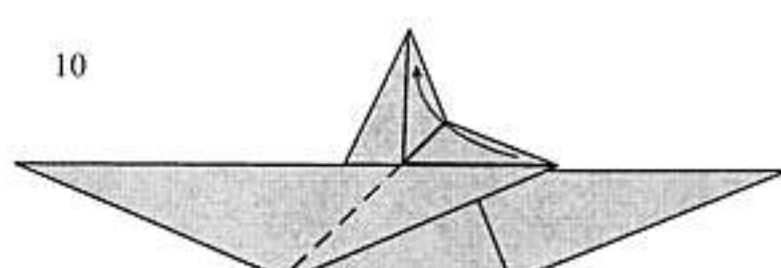
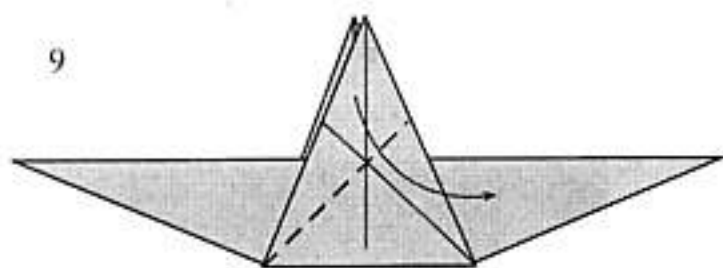
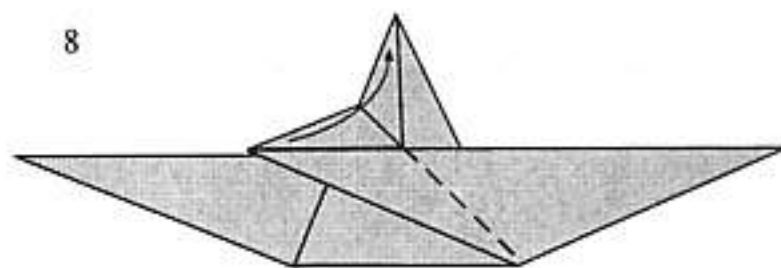
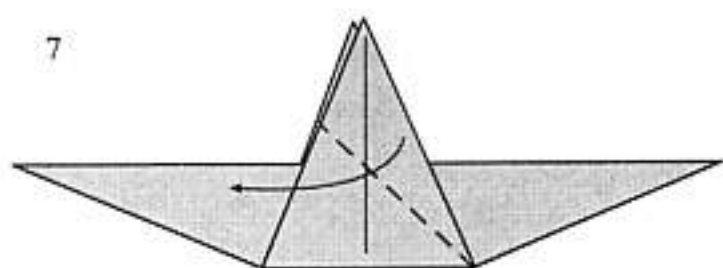
*Repetir 33-36
simétricamente*



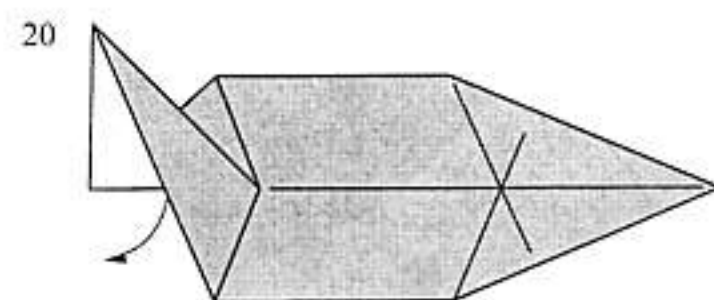
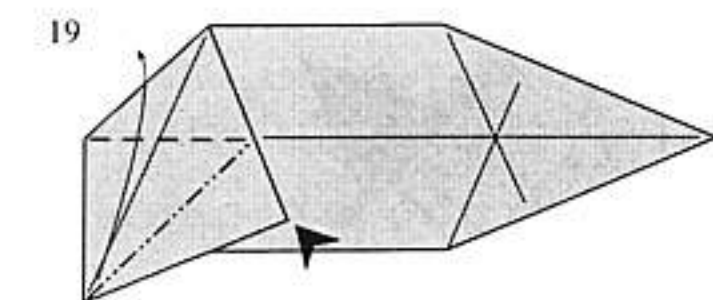
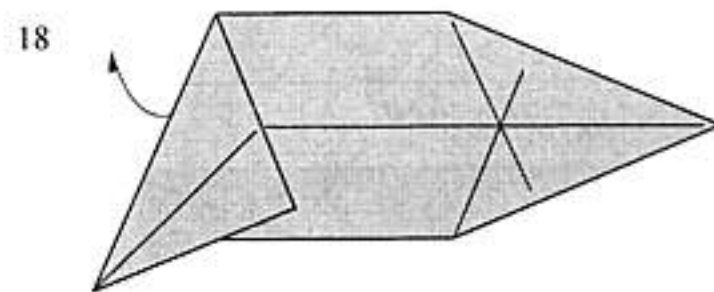
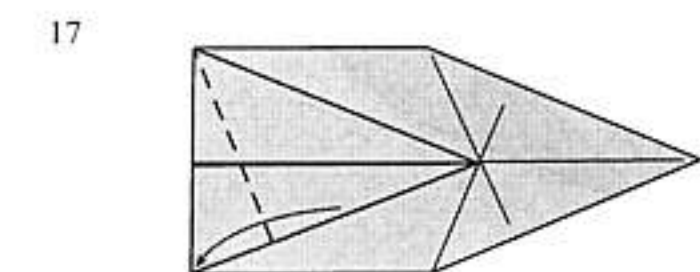
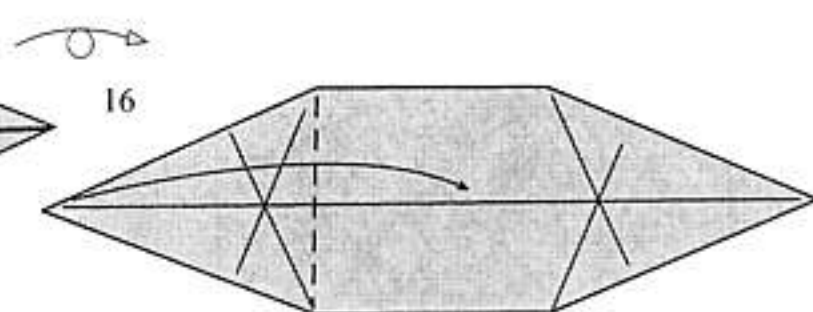
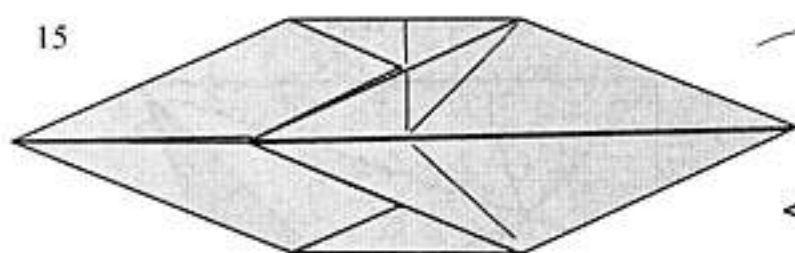


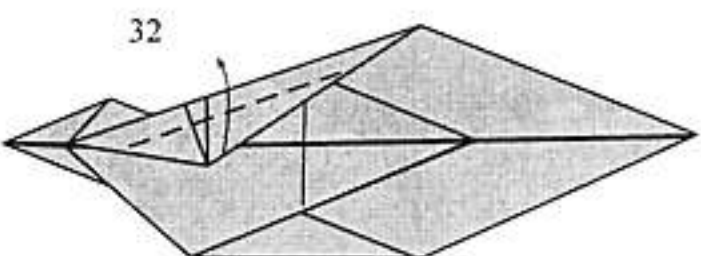
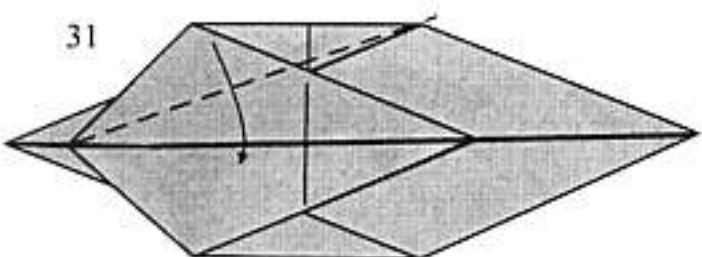
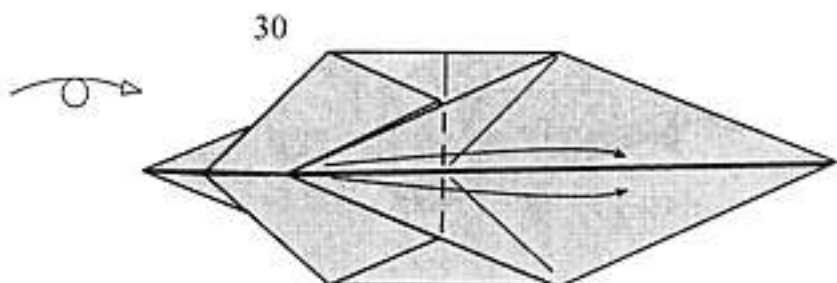
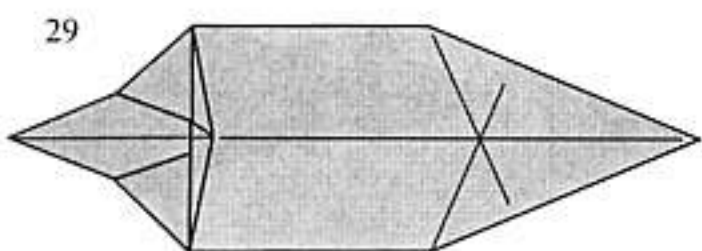
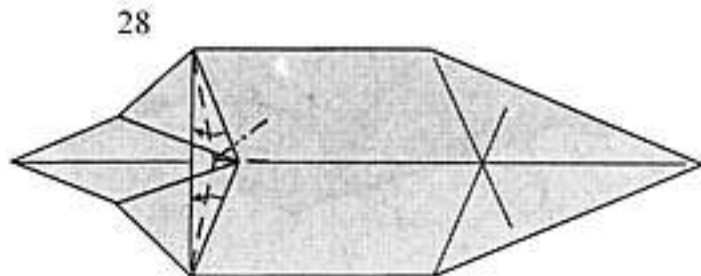
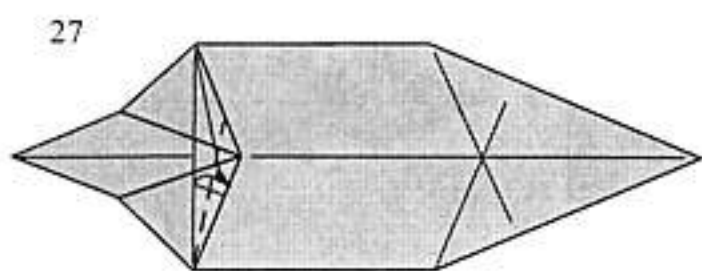
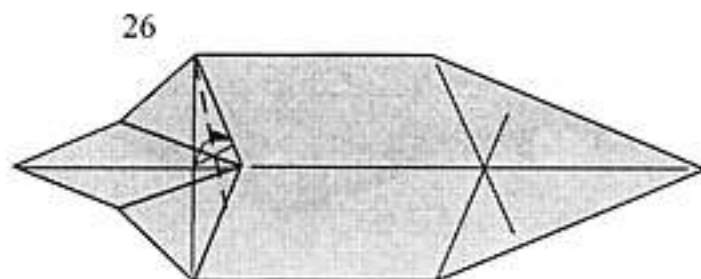
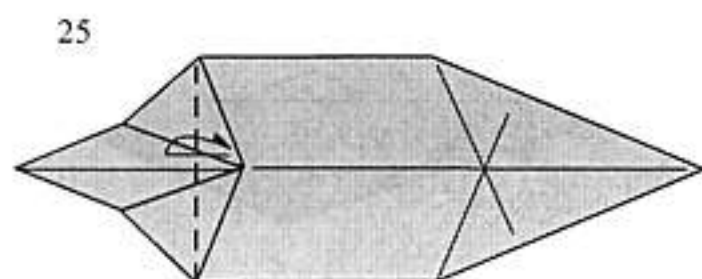
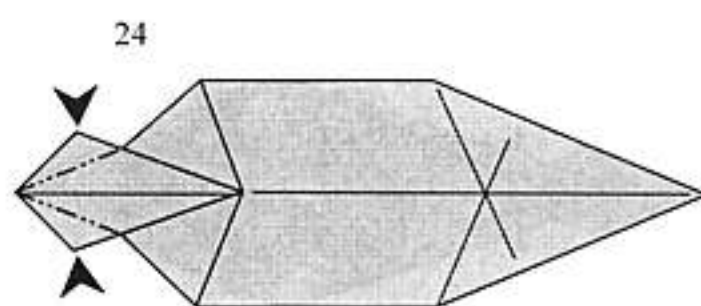
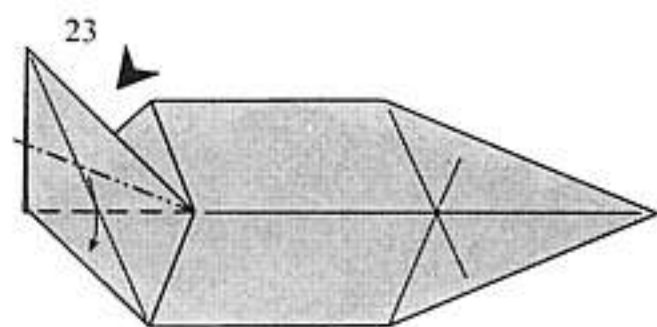
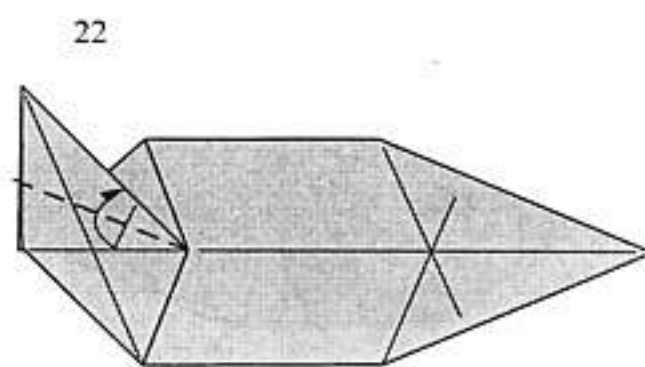
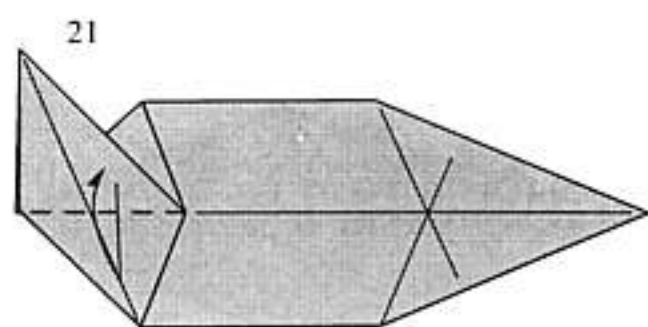
Repetir en las cuatro esquinas

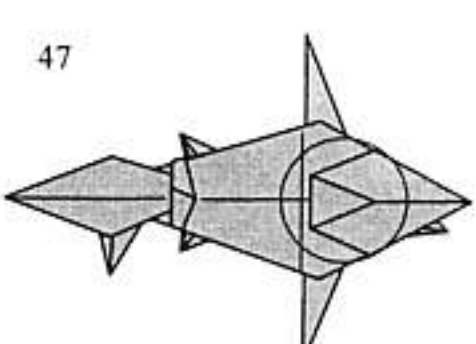
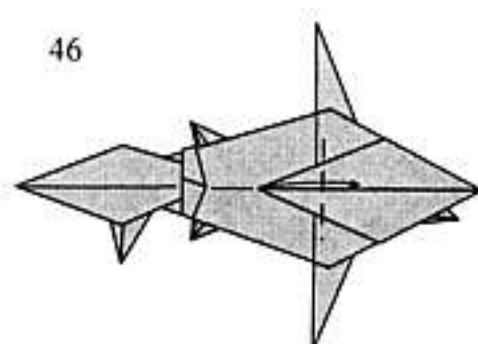
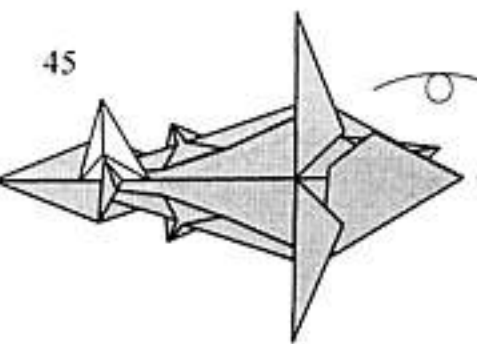
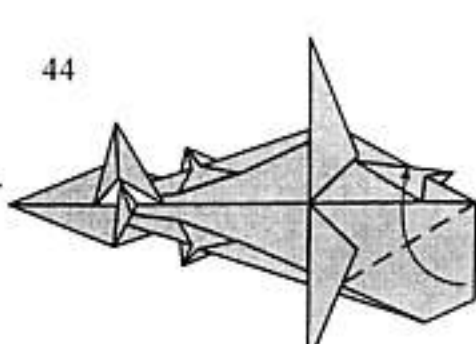
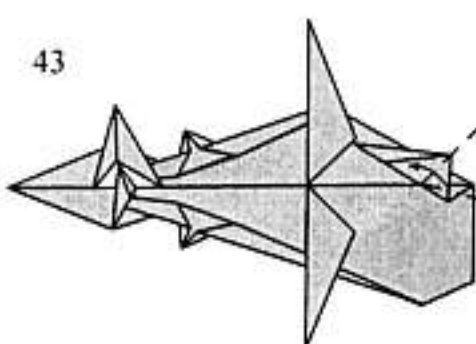
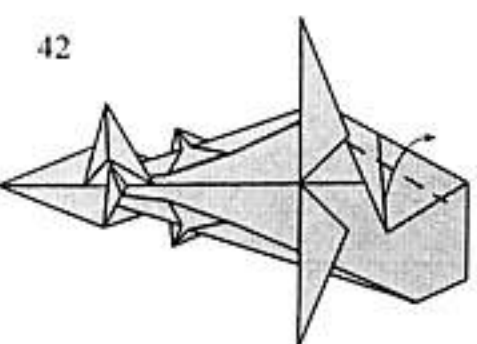
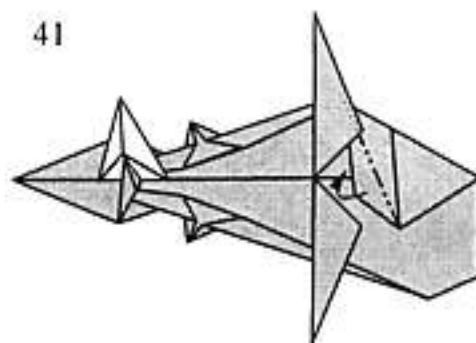
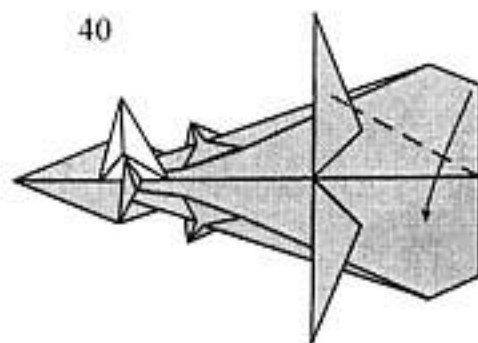
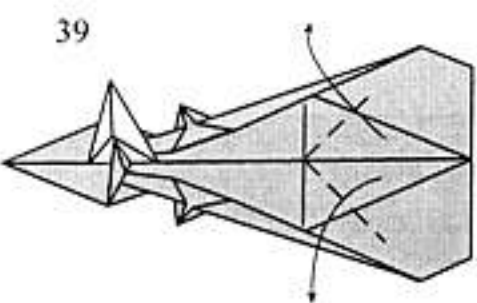
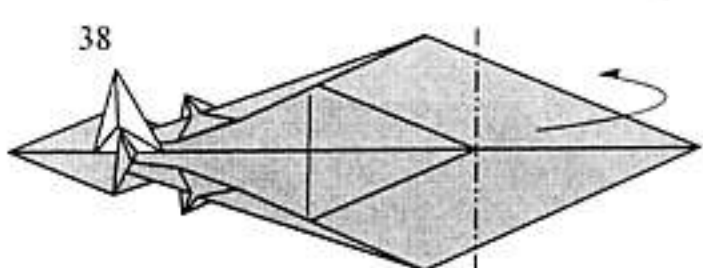
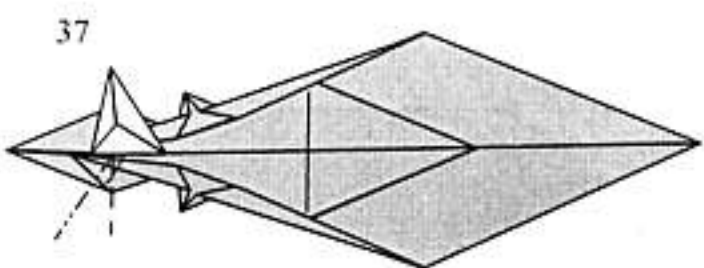
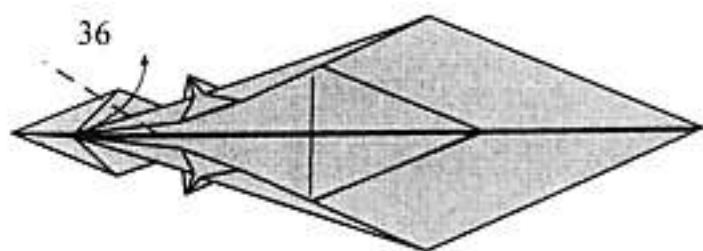
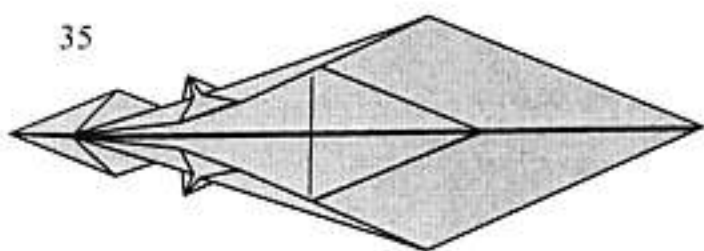
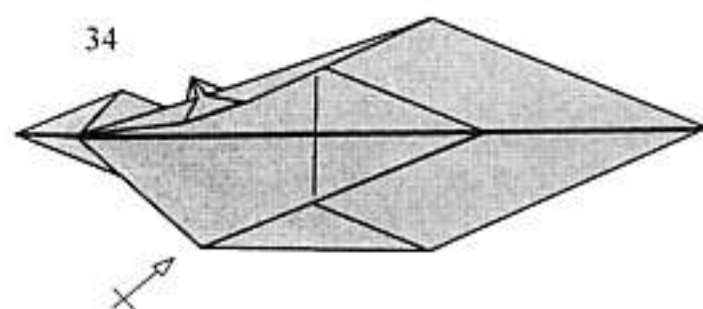
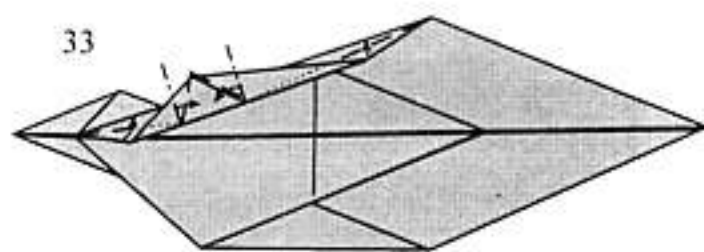


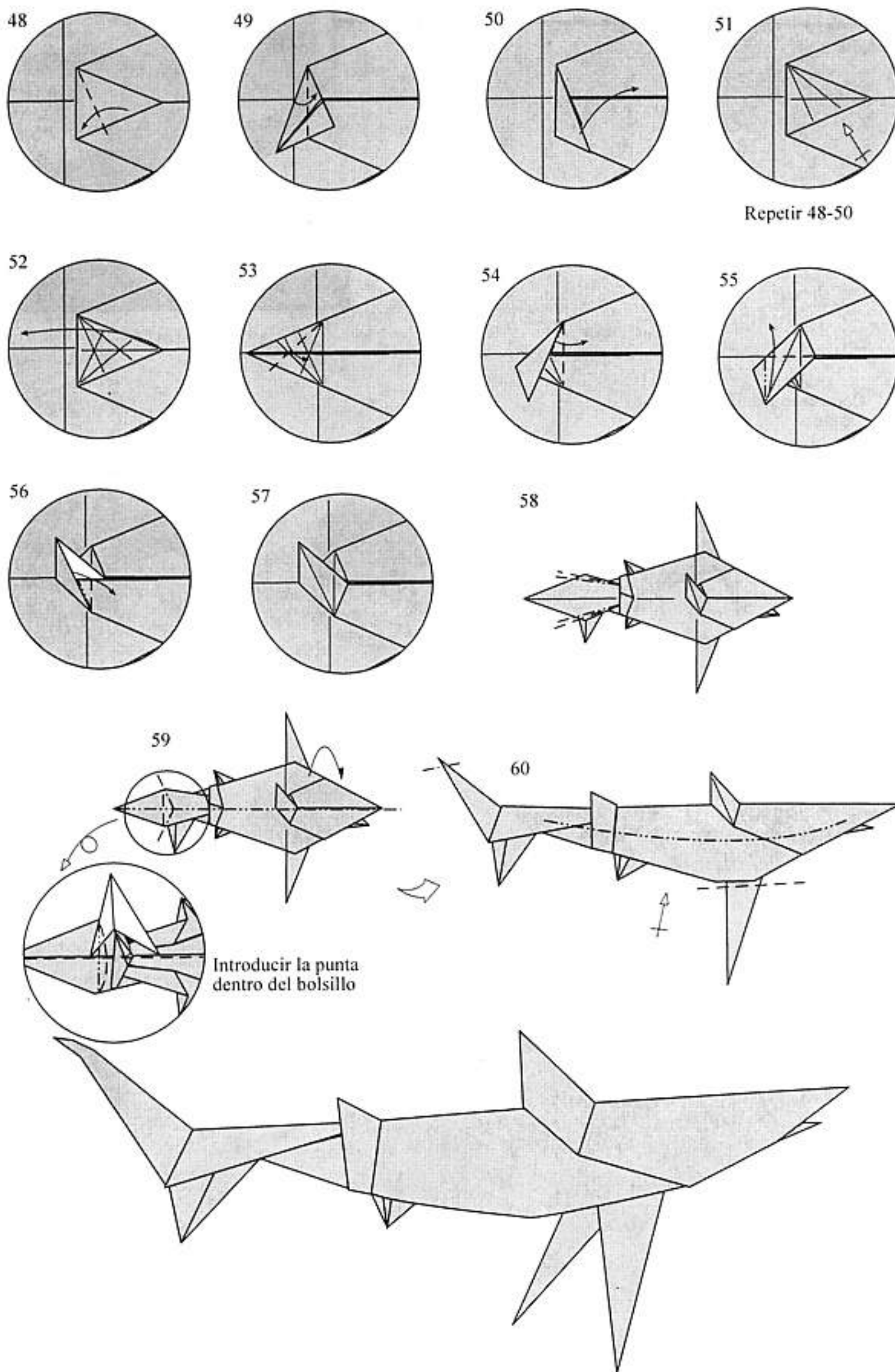


Repetir 7-11







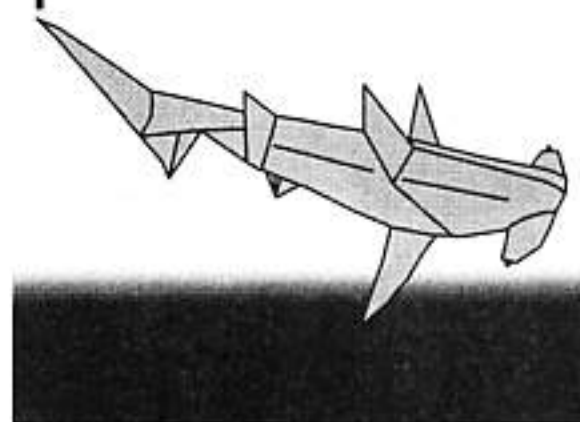


TIBURÓN MARTILLO

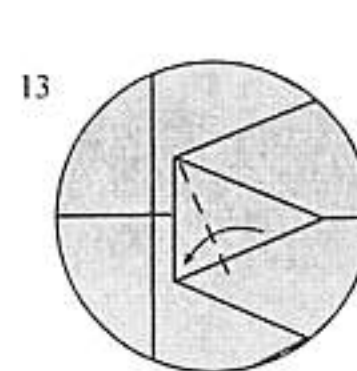
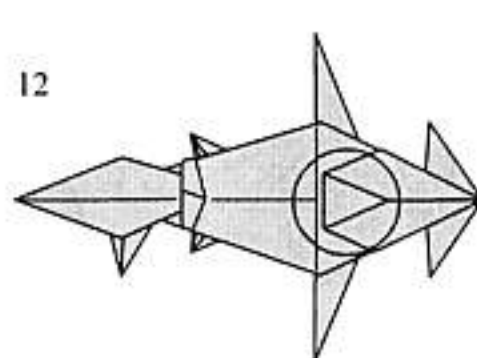
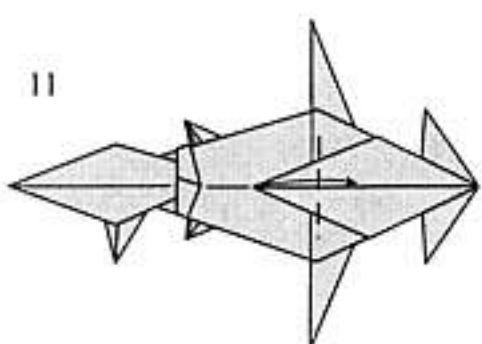
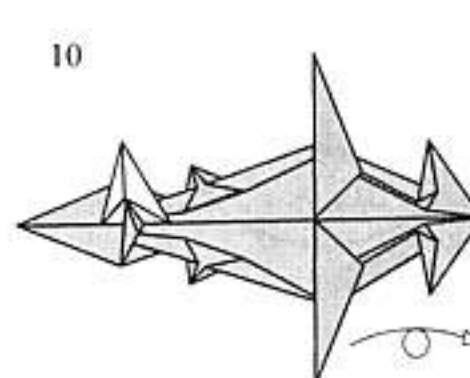
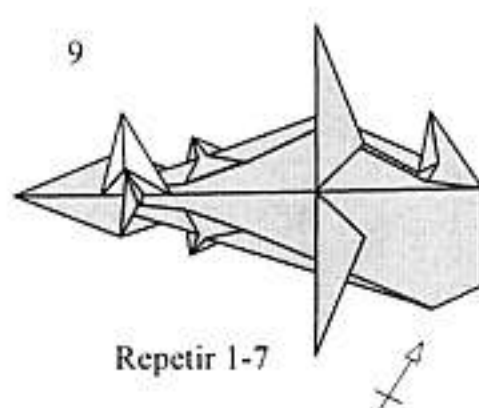
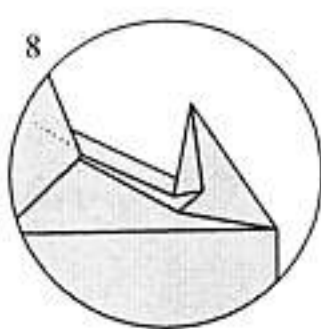
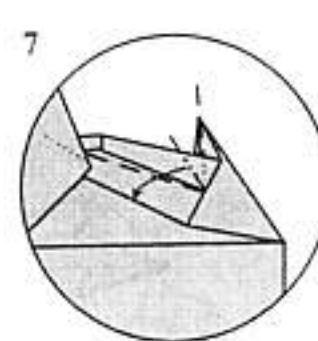
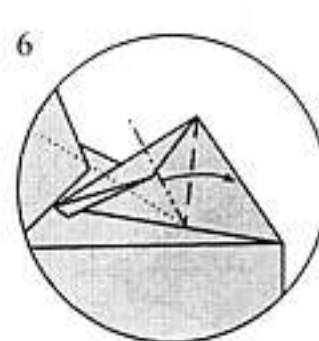
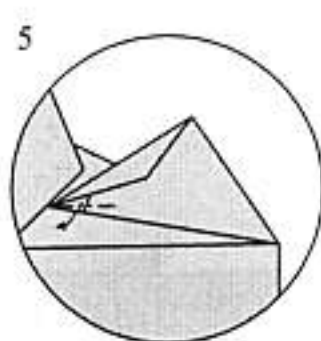
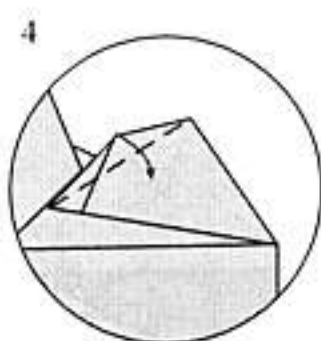
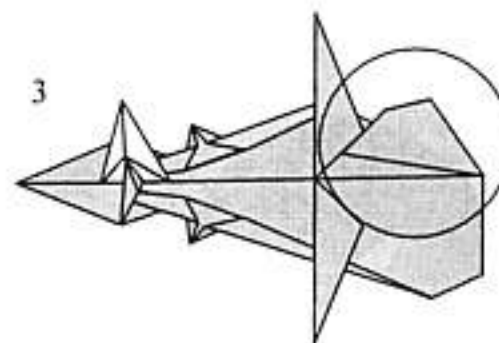
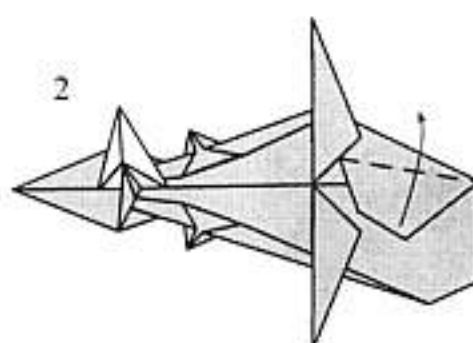
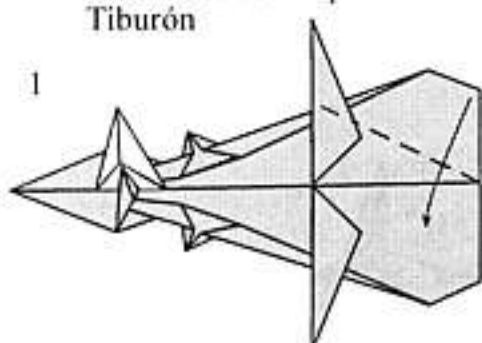
High Intermediate

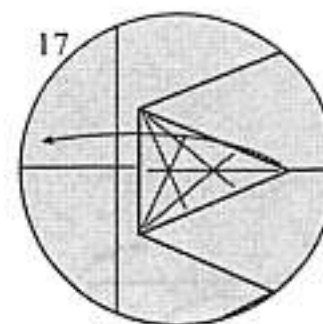
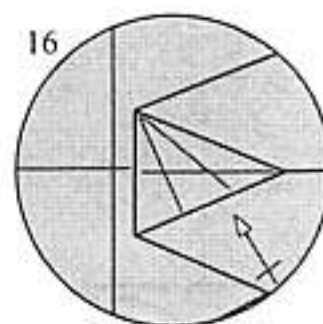
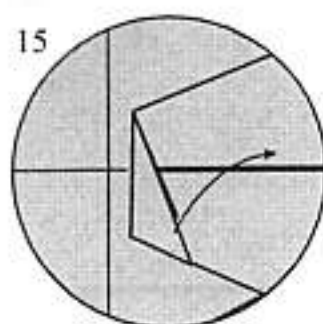
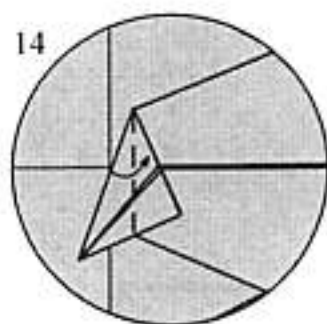
Fernando Gilgado

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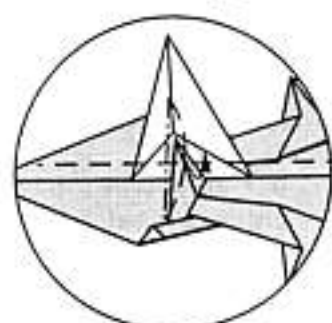
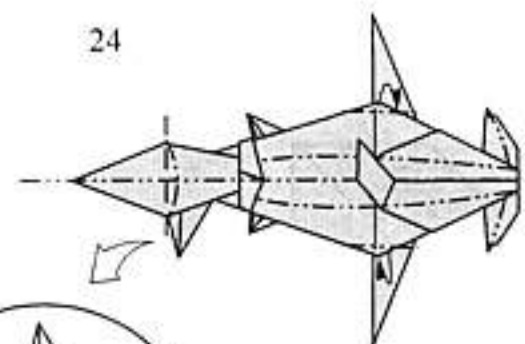
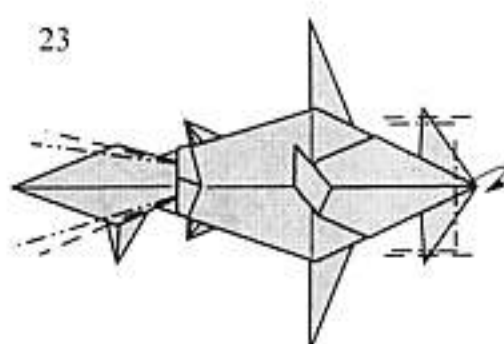
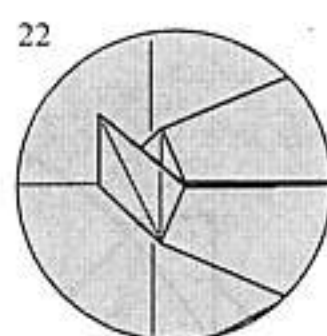
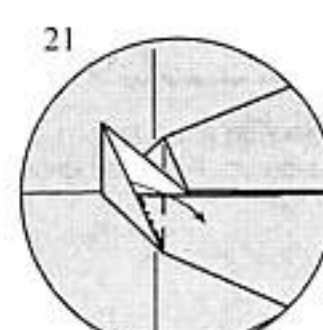
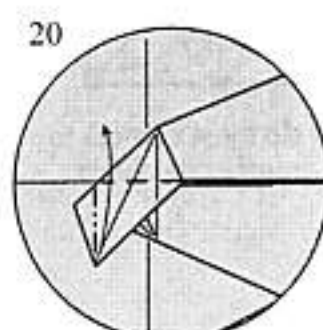
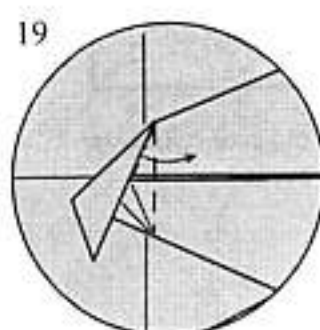
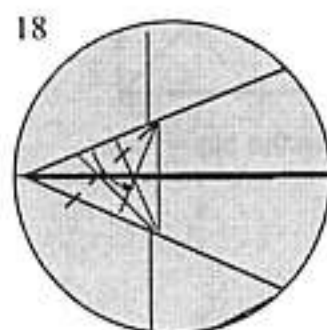


Comenzar con el paso 40 del Tiburón

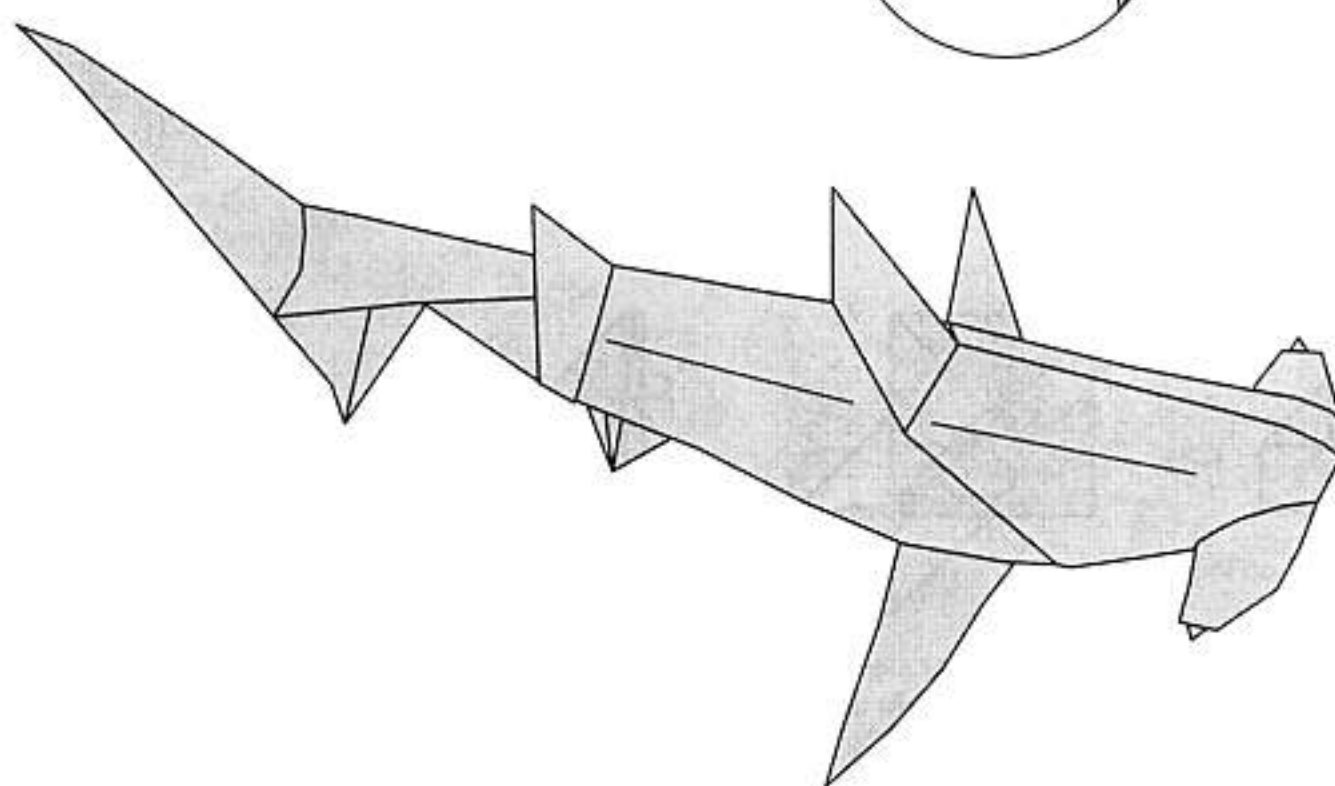


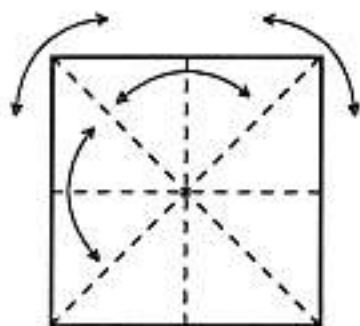


Repetir 13-15

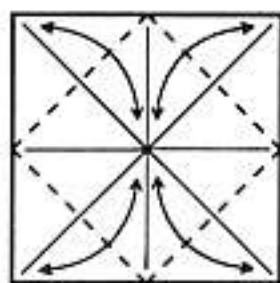


Introducir la punta dentro del bolsillo

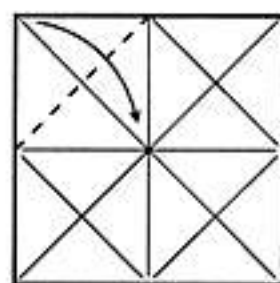




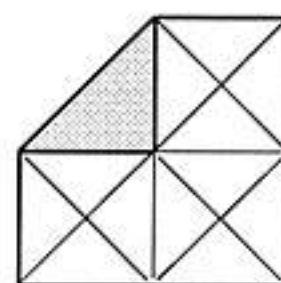
1. Begin with a square, white side up. Fold and unfold.



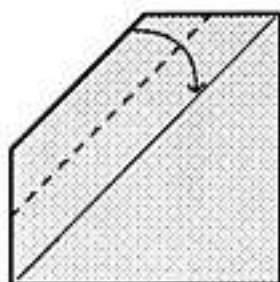
2. Fold the 4 corners to the center and unfold.



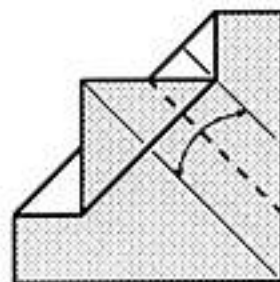
3. Fold one corner to the center.



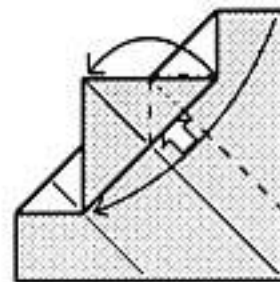
4. Turn the paper over.



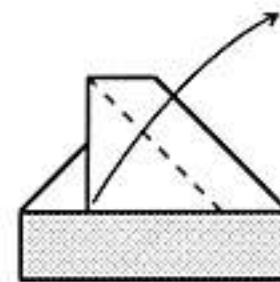
5. Mountain fold as shown



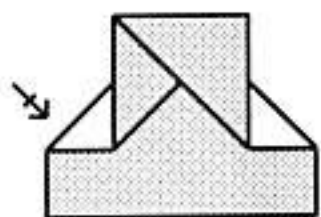
6. Fold so that the two parallel creases meet, then unfold.



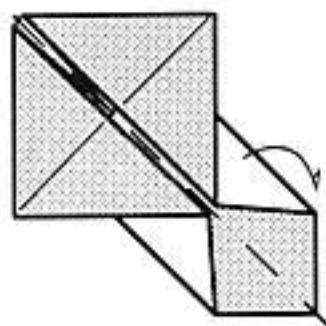
7. Squash-fold using the creases made in the previous step.



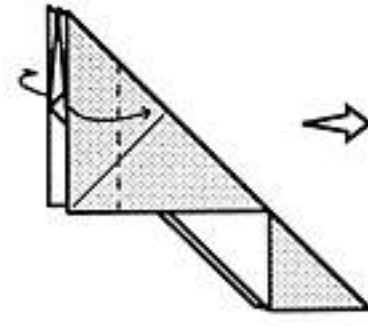
8. Bring the corner up.



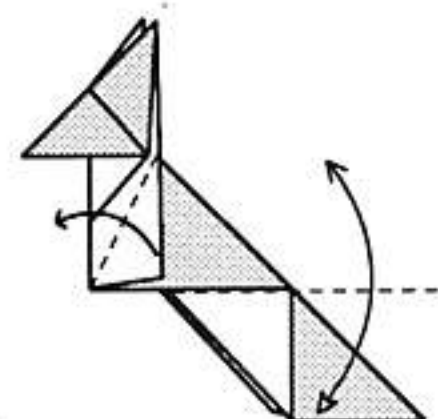
9. Repeat step 6-8 on the left.



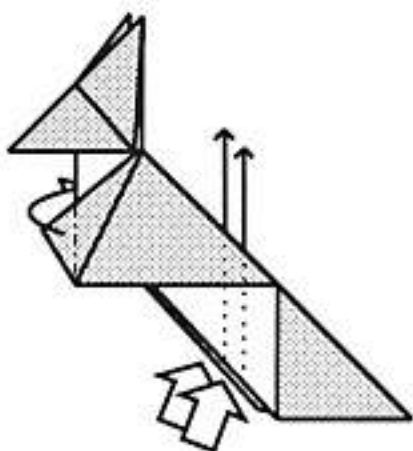
10. Mountain-fold along the model. The next view is from the side.



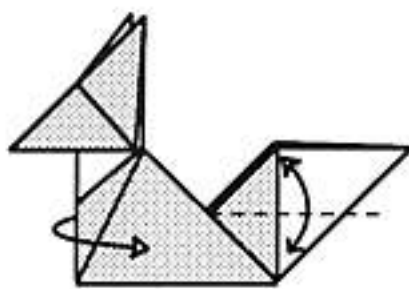
11. Valley fold through all layers to form the face.



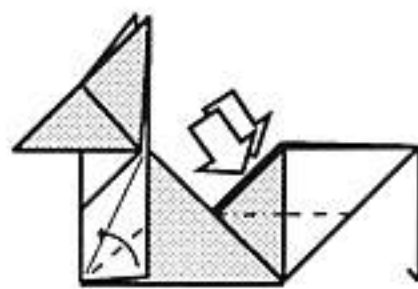
12. Valley-fold the front corner. Fold and unfold the tail.



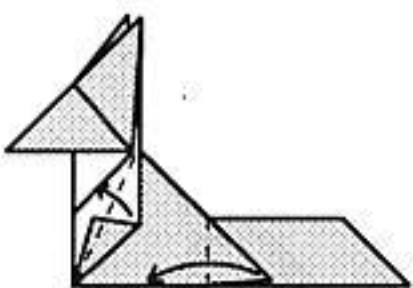
13. Mountain fold the front leg. Reverse fold the tail using the creases made in step 12.



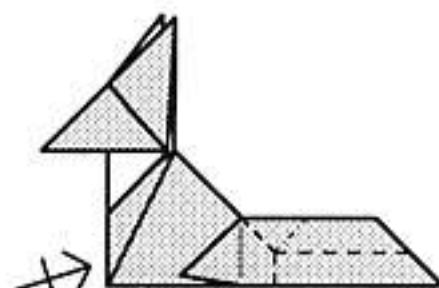
14. Unfold the front leg back to step 12. Fold and unfold the tail through all layers as shown.



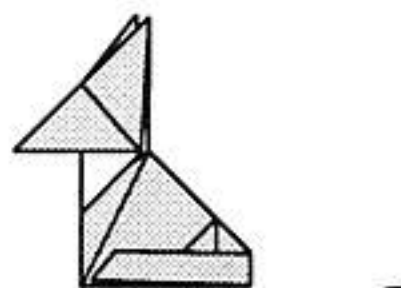
15. Fold the corner up using pre-crease made in previous step. Reverse-fold the tail.



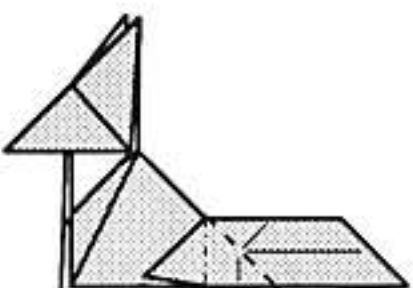
16. Fold the front leg and tuck in the excess paper under the neck. Bring the hind leg to left.



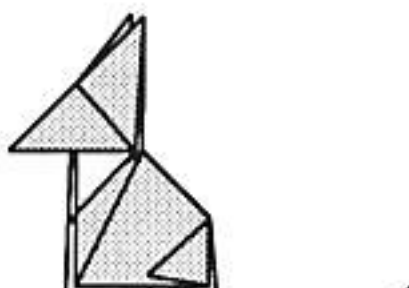
17. Repeat step 12-16 on the other front leg. Rabbit ear the tail through all layers.



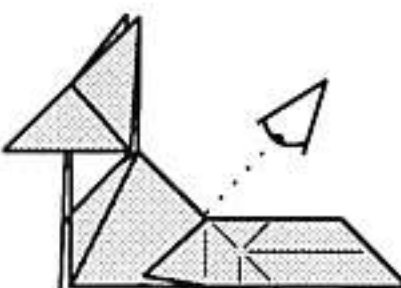
18. Unfold, bring the tail back to step 17.



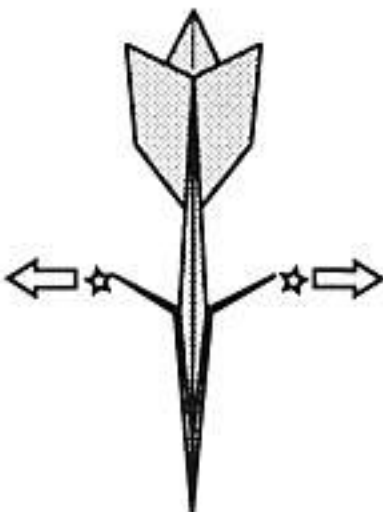
19. Reverse-fold the tail through the middle layer.



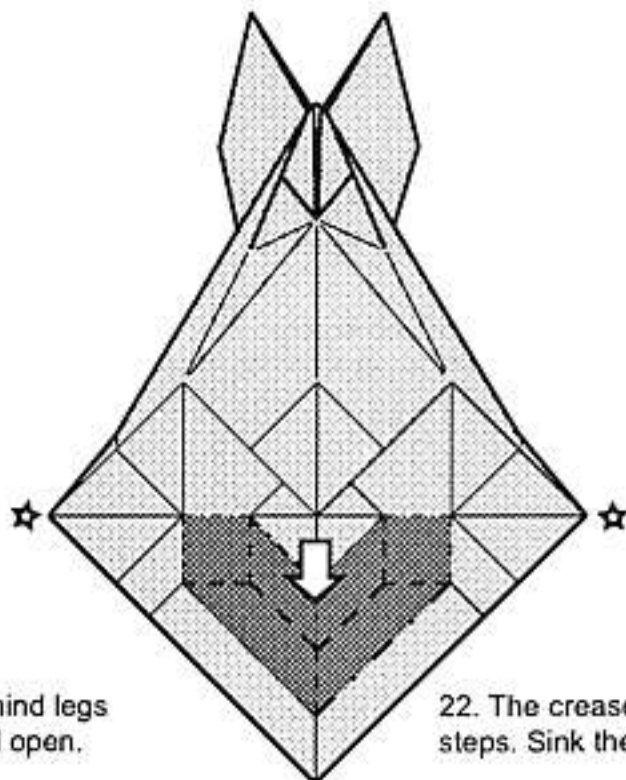
20. Unfold the tail back to step 19.



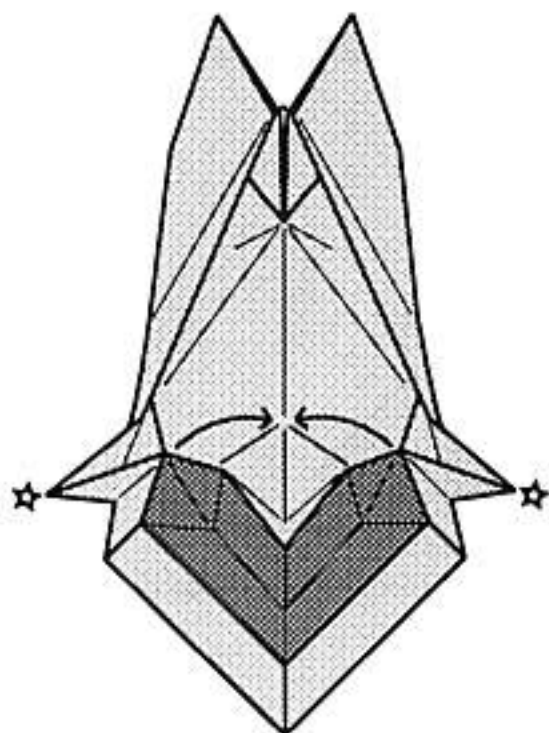
21. View the model from top



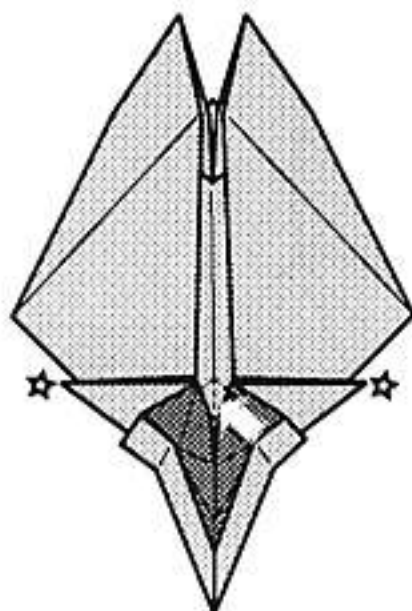
21. The model viewed from top. Grab both hind legs indicated by the stars and spread the model open.



22. The creases are made from the previous steps. Sink the dark colored area as shown.

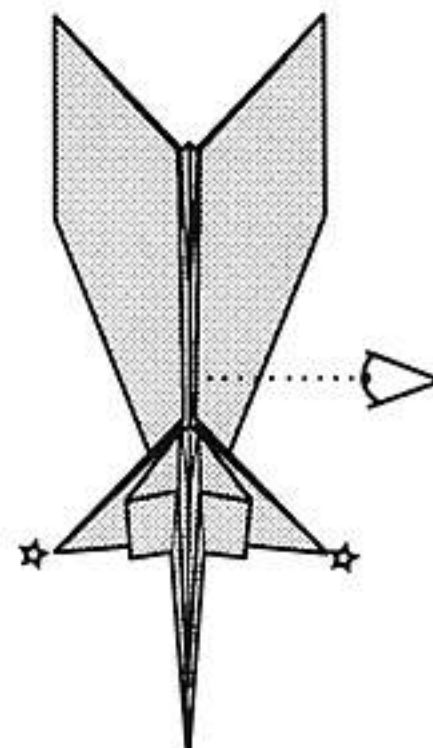


23. Sinking under process. Note that the model will not lie flat after the dark area has been sunk.

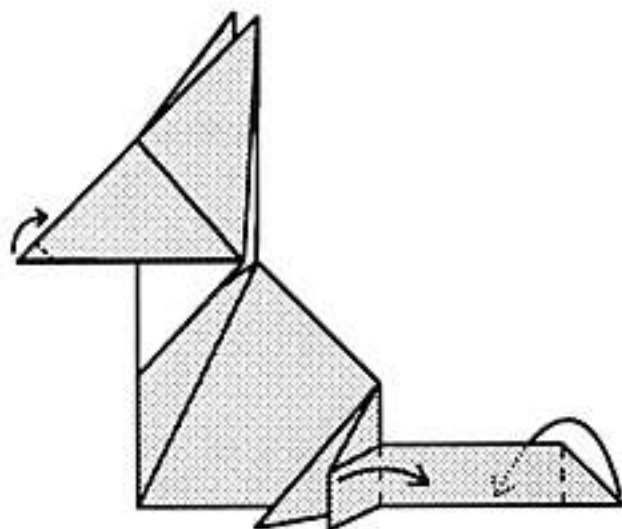


24. Sink completed, model does not lie flat. Now, using the creases made in step 19, perform a sink.

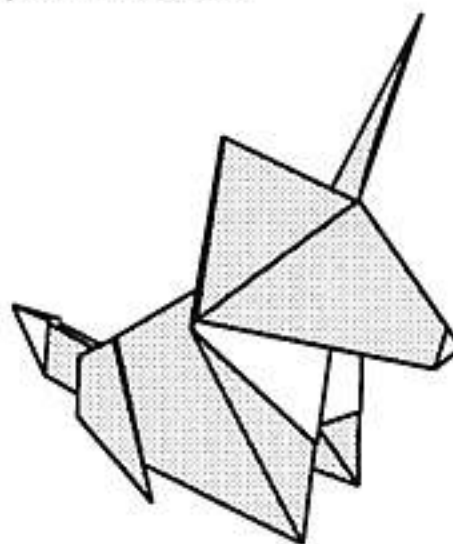
Tips: this sink can be easily done by holding the tip of the tail, then push in (as in the reverse fold of step 19) to make the sink.



25. The completed sink-folds produced a flat model. View the model from side.



26. Outside-reverse-fold the nose and tail to give color change. Bring a layer on the hind leg to the right.



27. Finished Welsh Corgi.

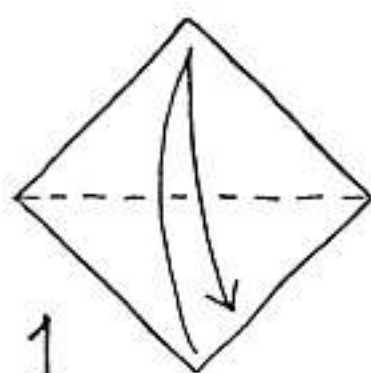
FLAPPING DOVE

Low Intermediate

Gay Merrill Gross

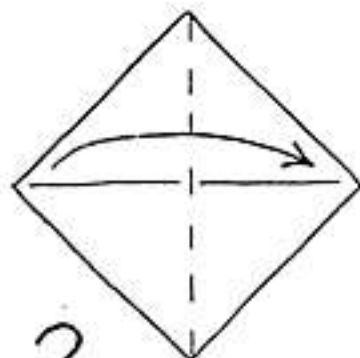
©2000 - New York

a variation on the traditional Pigeon/Dove

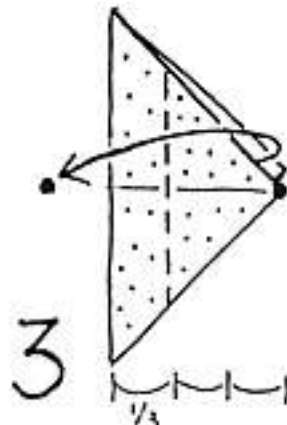


1

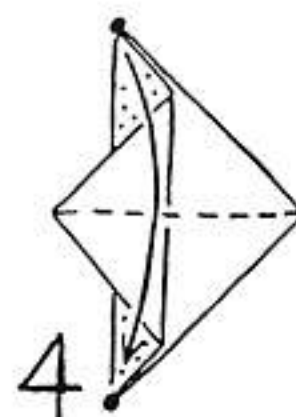
white side up.



2

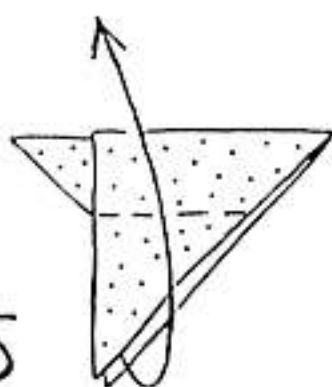


3



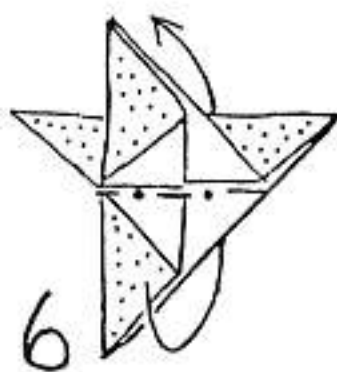
4

Before pressing firmly, make sure your $\frac{1}{3}$ fold is accurate. Then check on the back to make sure the center creases are aligned.

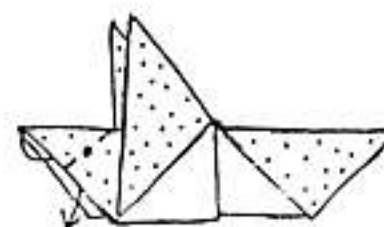


5

Fold up the front wing using the bottom of the head as a guide.

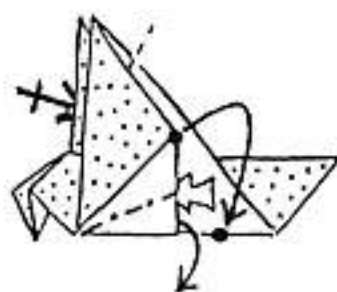


6



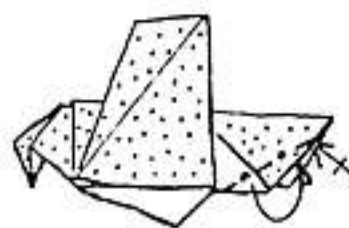
7

Inside reverse fold to form a beak.



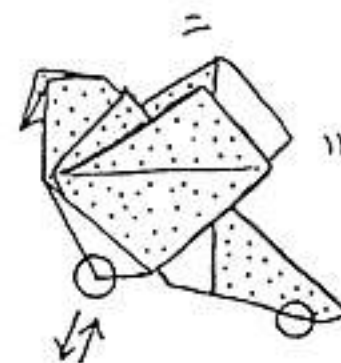
8

Open rear pocket of wing and squash fold to align white raw edge on wing with bottom folded edge of bird. Repeat behind.



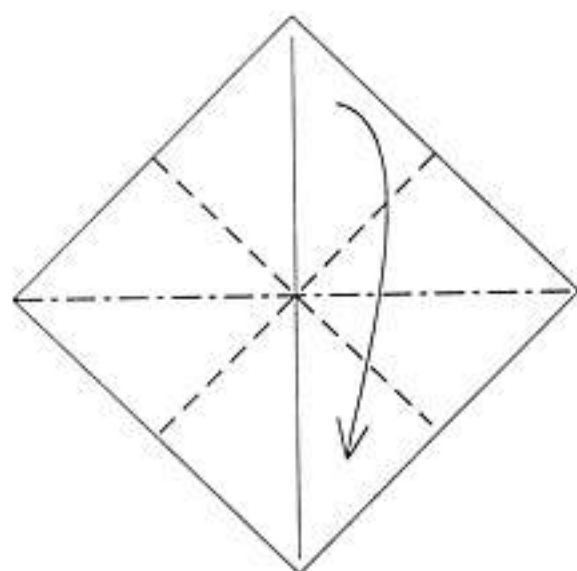
9

Optional: Narrow tail.

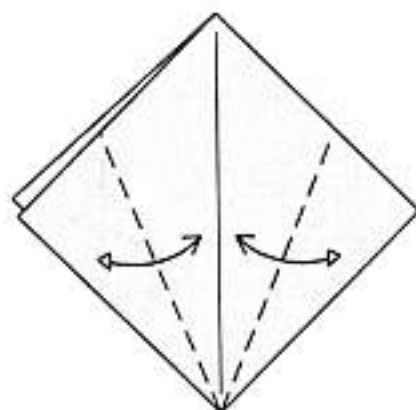


10

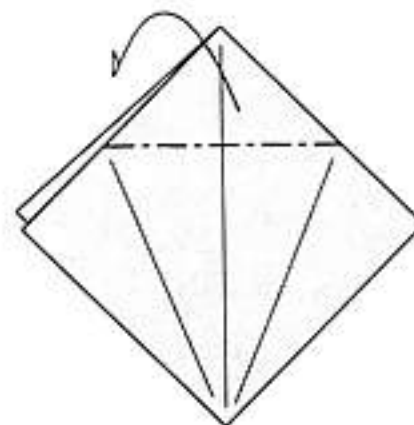
Hold at tail and breast. Pull down at breast to flap wings. Bird will also perch on the edge of a box or table.



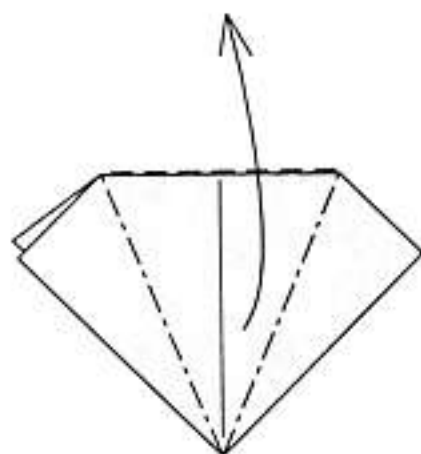
1. Form a colored Preliminary Base.



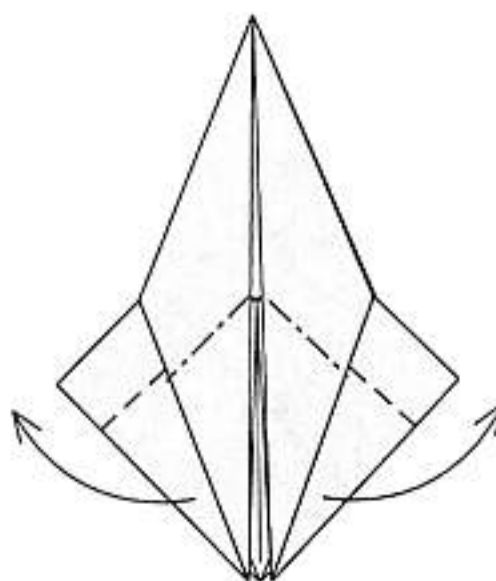
2. Precrease the top flaps.



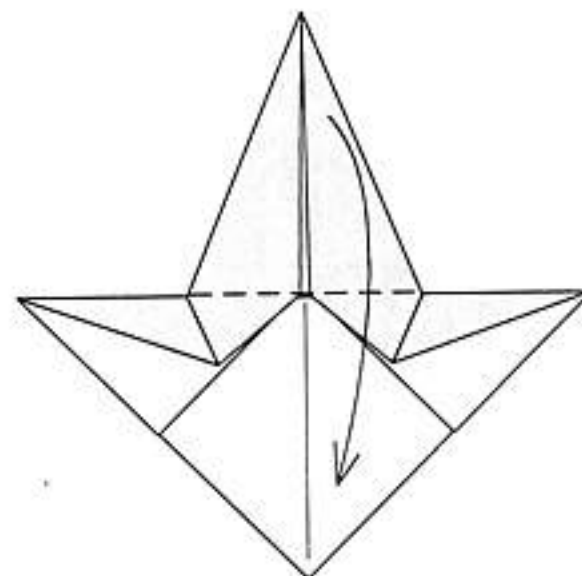
3. Mountain fold.



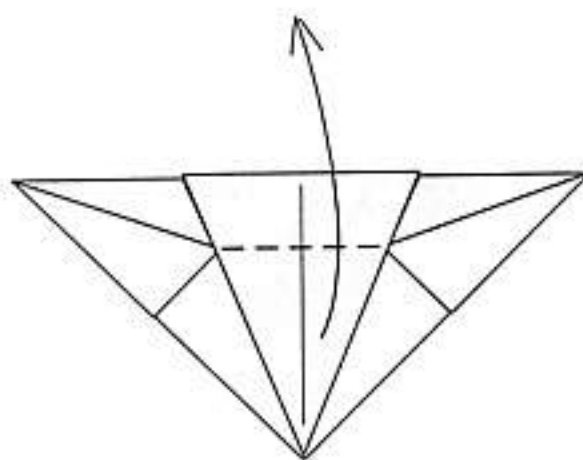
4. Petal fold the top flap.



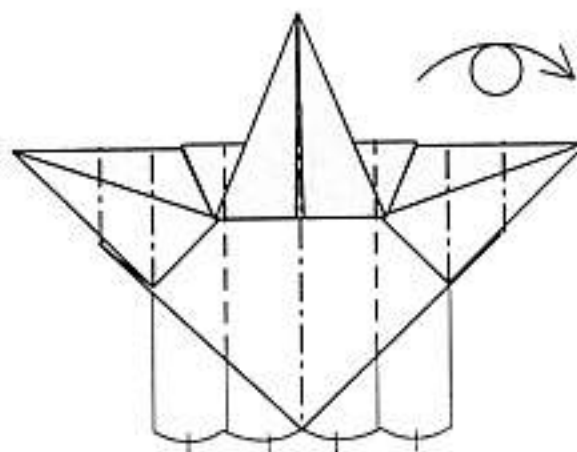
5. Reverse fold the side flaps outwards.



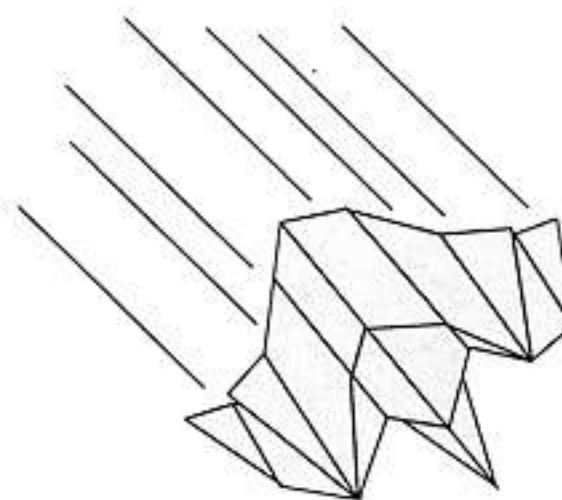
6. Valley fold the top flap down.



7. Valley fold the flap up.



8. Pleat the model where indicated and turn over.



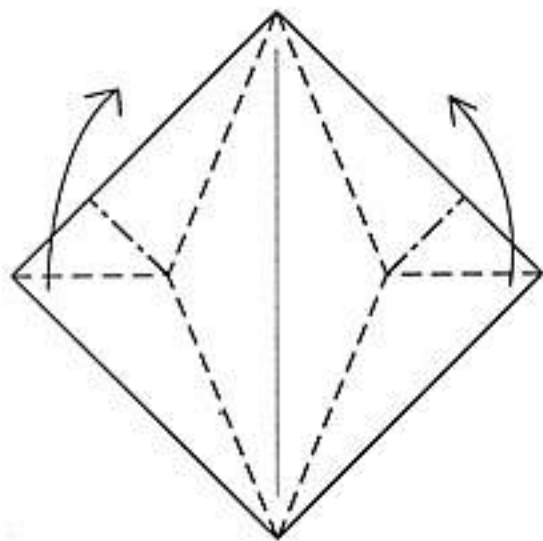
9. Completed FX1.

GIANT PANDA

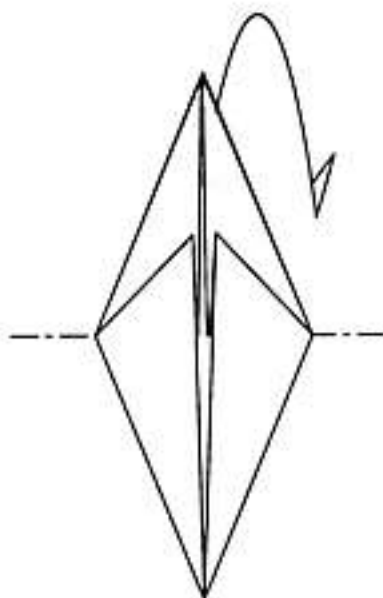
Complex

Marc Kirschenbaum

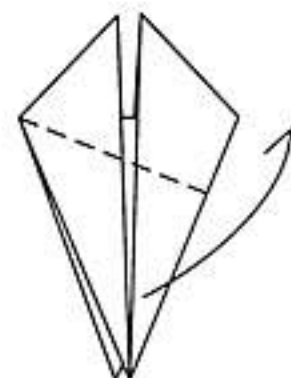
©1994 - New York



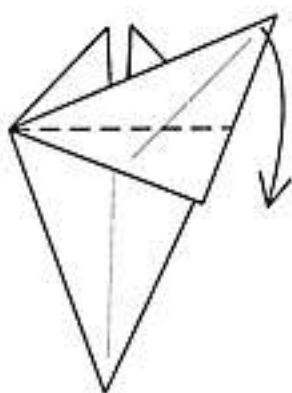
1. With darker side up, form rabbit ears on both sides.



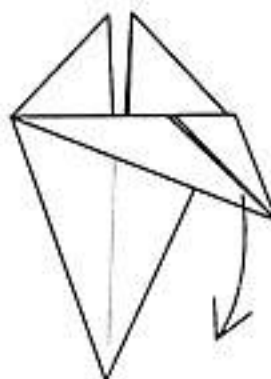
2. Swing back.



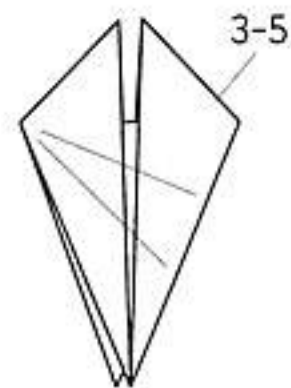
3. Valley up.



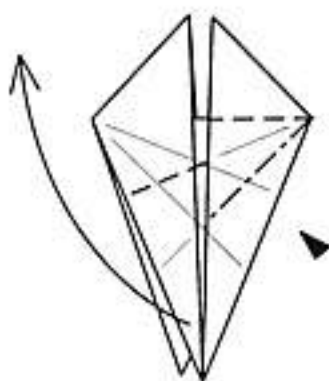
4. Valley down.



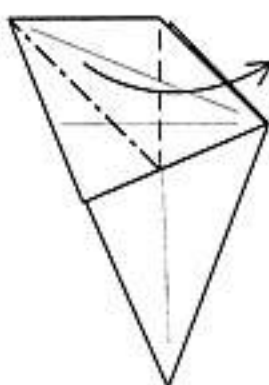
5. Unfold.



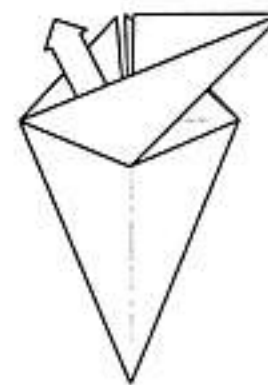
6. Repeat steps 3-5 in mirror image.



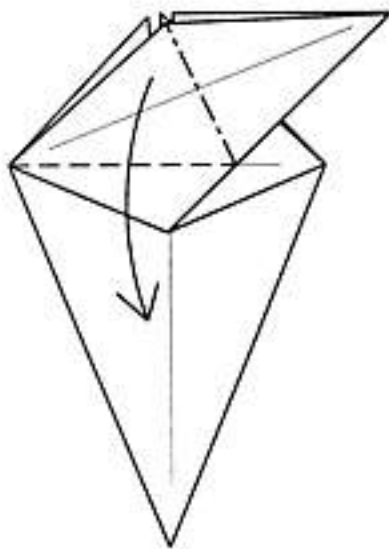
7. Asymmetrical squash.



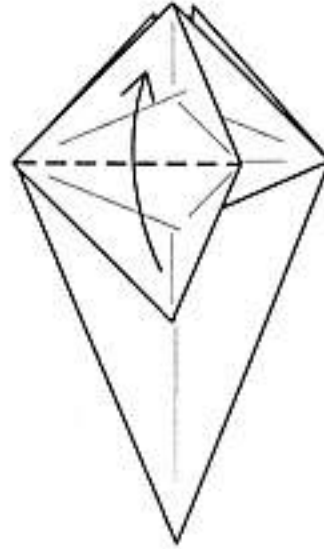
8. Squash.



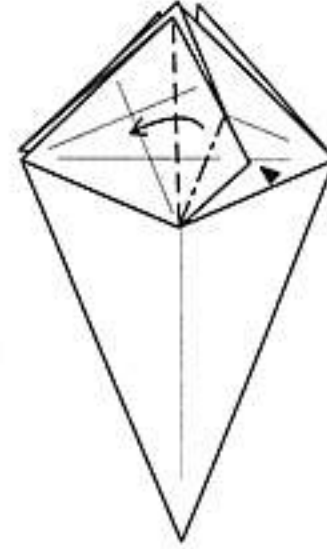
9. Pull out a single layer to match the other side.



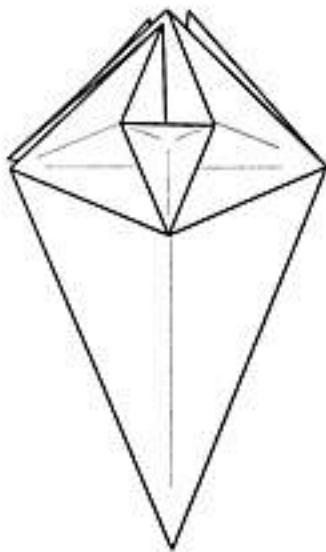
10. Squash.



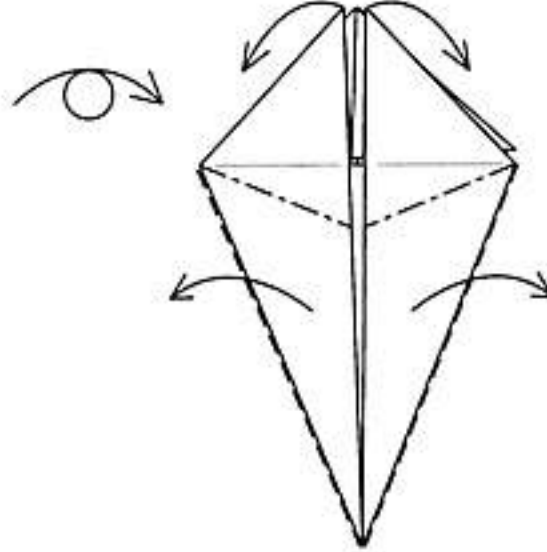
11. Valley up.



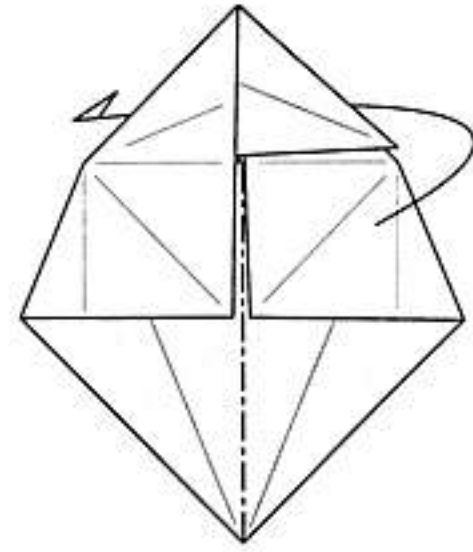
12. Squash the center flap.



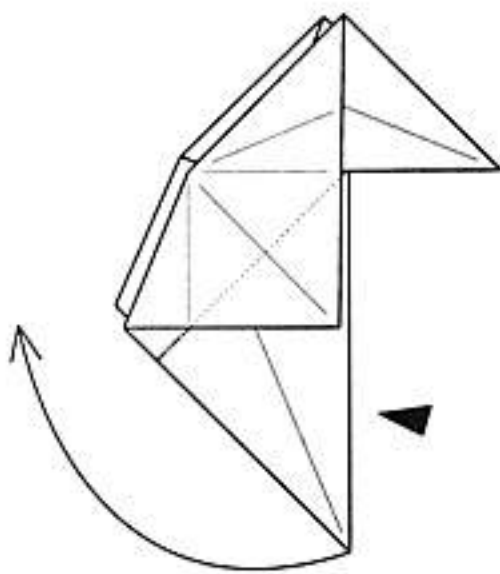
13. Turn over.



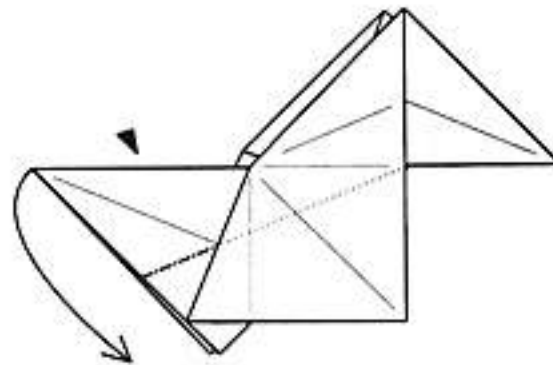
14. Spread out the top layer.



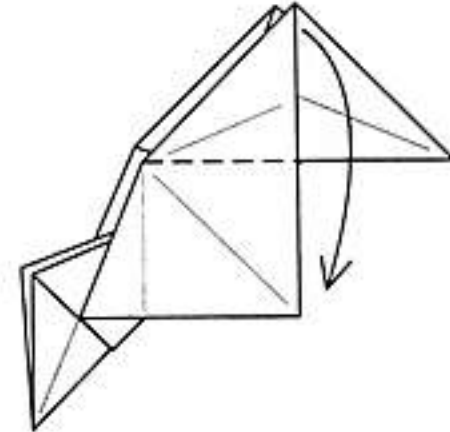
15. Mountain fold in half.



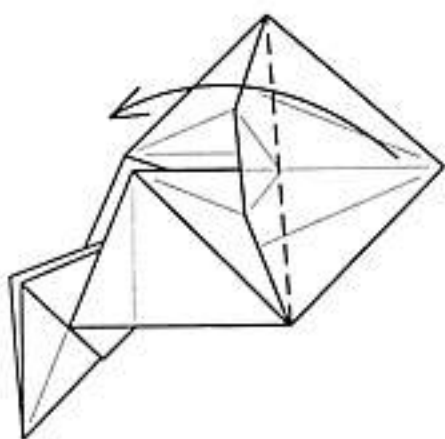
16. Reverse fold through all layers.



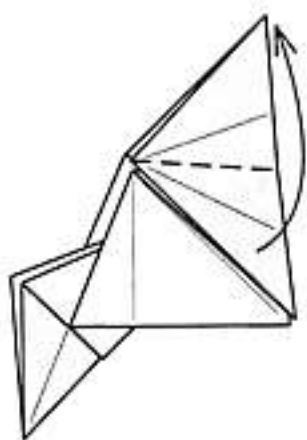
17. Reverse fold again through all layers.



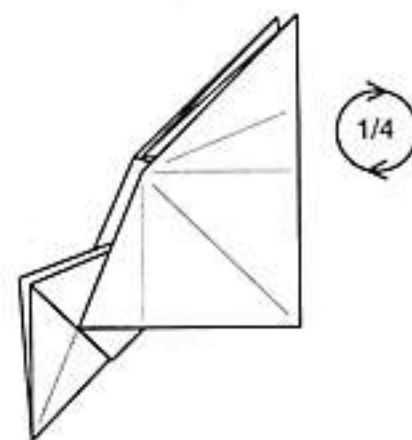
18. Swing down, allowing the center to stretch flat.



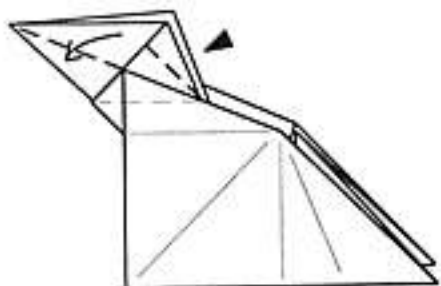
19. Valley over.



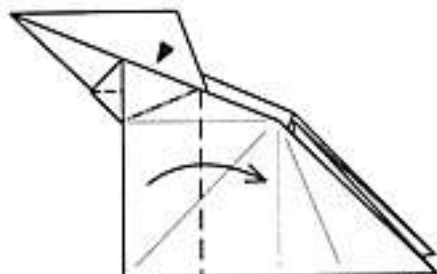
20. Valley up.



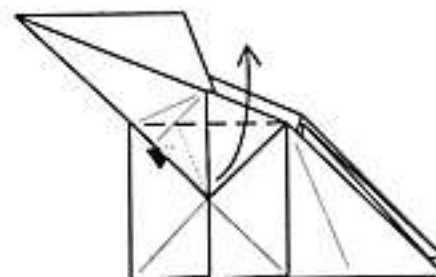
21. Rotate 1/4 turn.



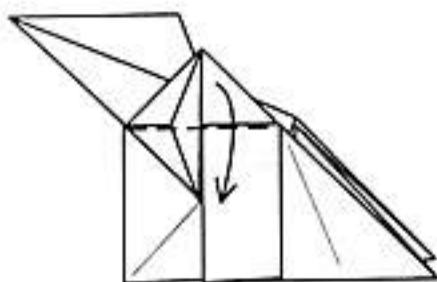
22. Reverse fold.



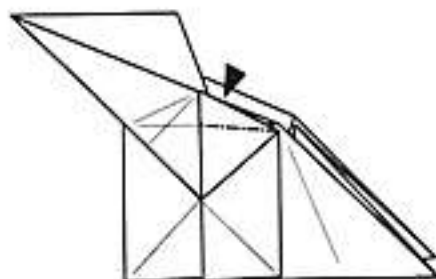
23. Squash fold.



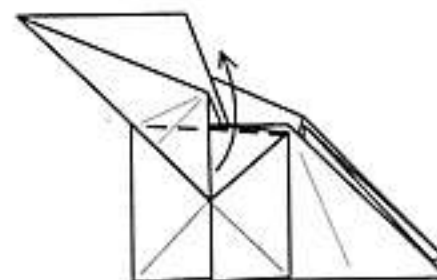
24. Valley up, allowing a squash to form.



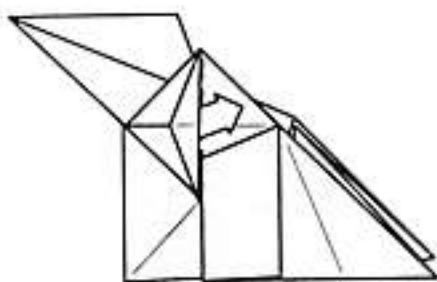
25. Swing the flap down.



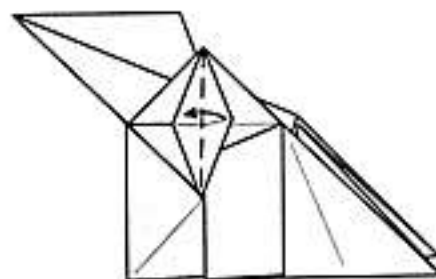
26. Open sink the trapped corner.



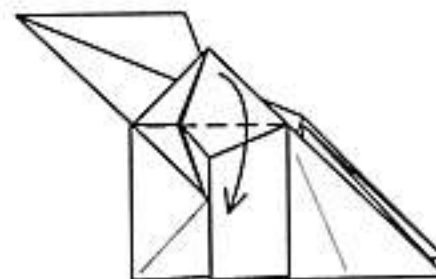
27. Swing up again.



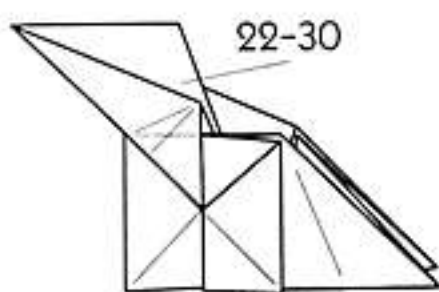
28. Unsink.



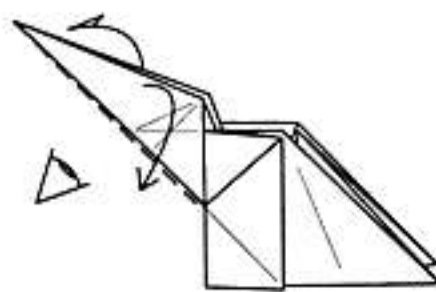
29. Valley over.



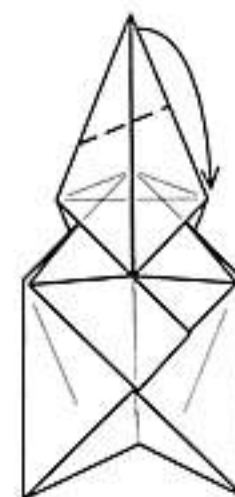
30. Valley back down.



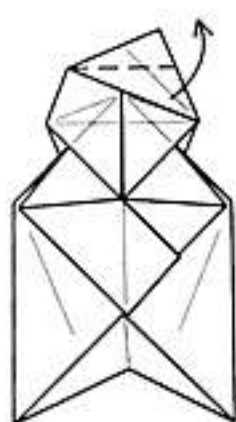
31. Repeat steps 22-30 behind.



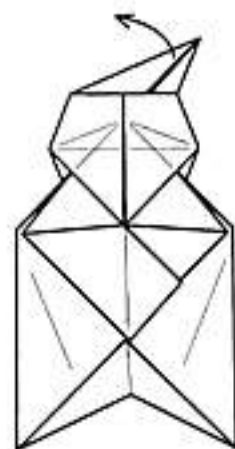
32. Spread apart the front flap. The remainder of the model will not lie flat.



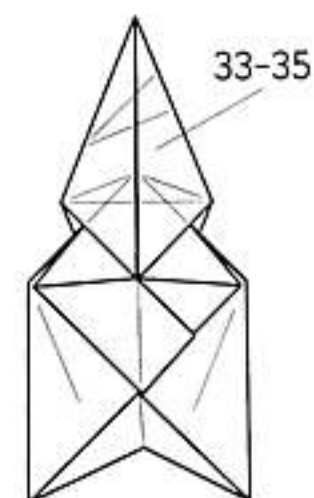
33. Valley the tip to the corner.



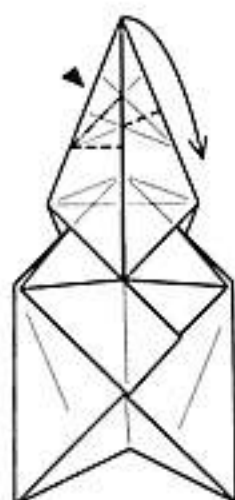
34. Valley up.



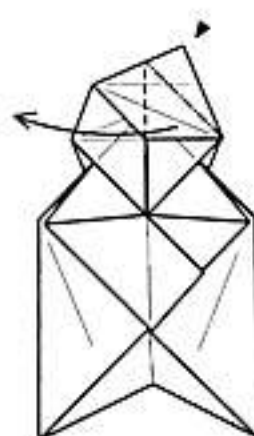
35. Unfold the pleat.



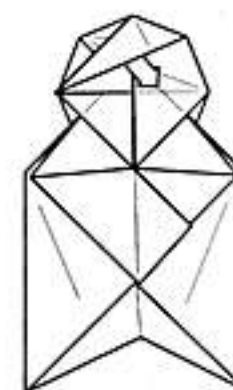
36. Repeat steps 33-35 in mirror image.



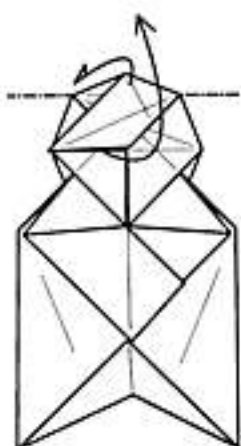
37. Squash fold.



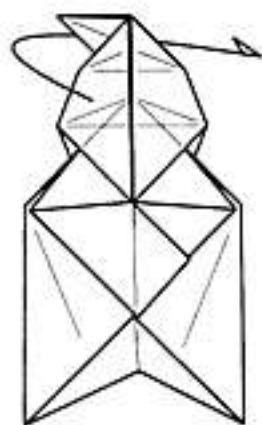
38. Squash again.



39. Pull out a single layer.



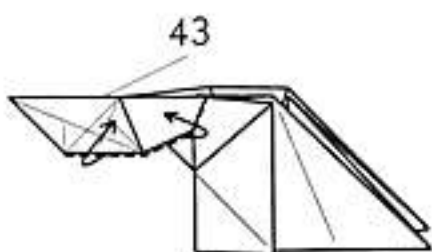
40. Flip the top section.



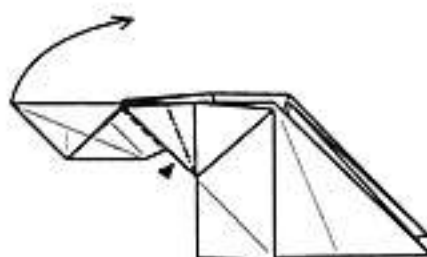
41. Close the model back up.



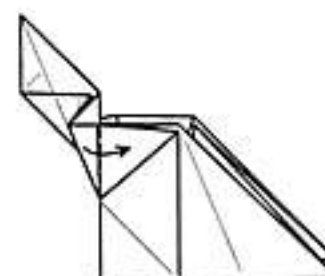
42. Outside reverse fold the front section.



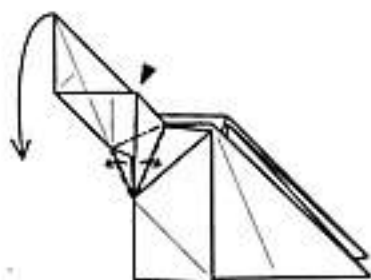
43. Wrap a single layer to the surface. You will have to invert a corner to accomplish this. Repeat behind.



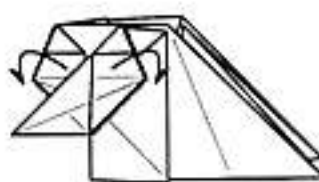
44. Crimp upwards.



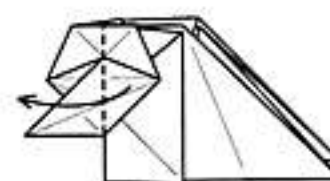
45. Swing over one flap.



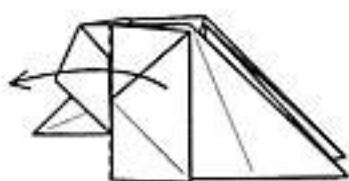
46. Squash the top section down.



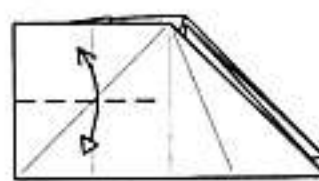
47. Wrap a single layer around each side.



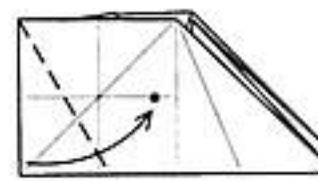
48. Swing over one flap.



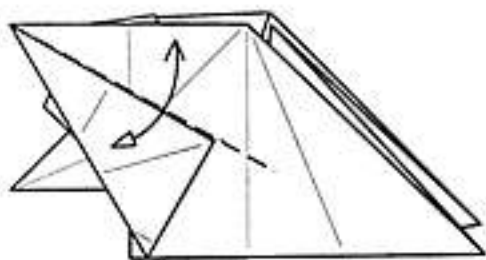
49. Swing over a flap.



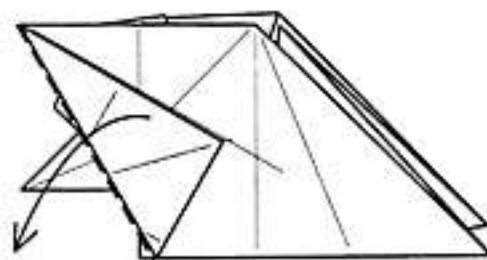
50. Lightly precrease the single layer in half.



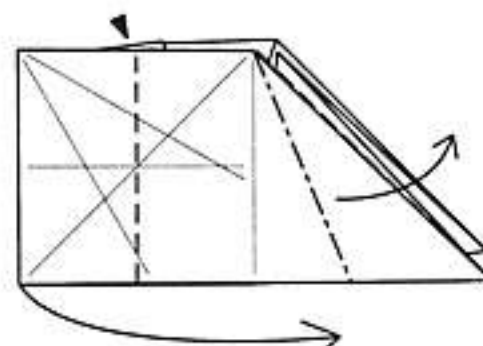
51. Valley the corner over to meet the crease.



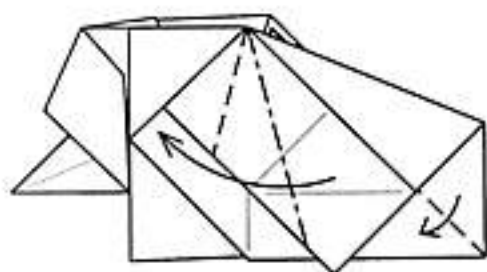
52. Precrease along the angle bisector.



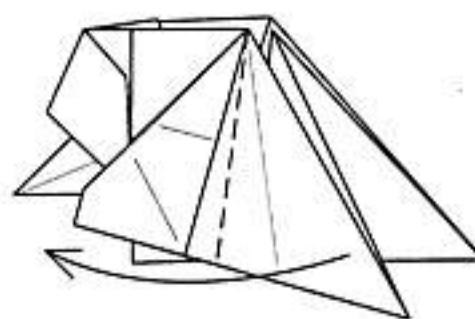
53. Unfold.



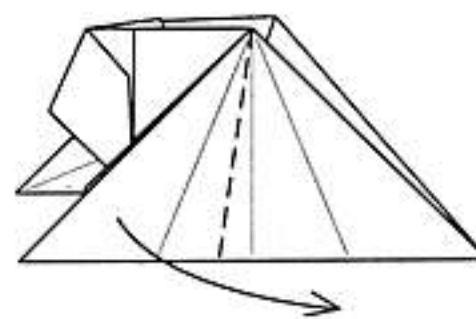
54. Stretch the single layer back while folding the left side in half.



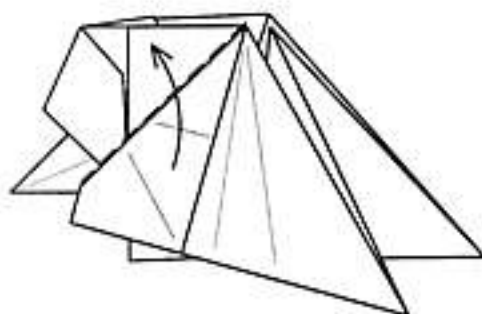
55. Pleat the top layer over along the existing creases. The right side will not lie flat.



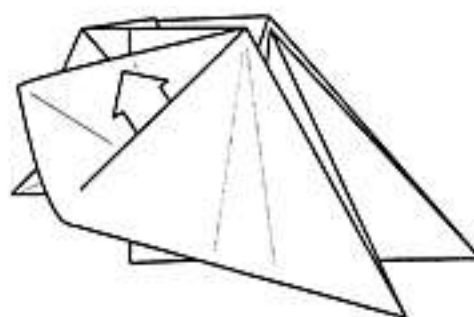
56. Valley over to meet the other edges to flatten.



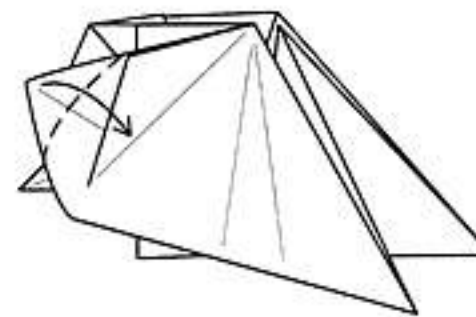
57. Valley the flap back as far as possible.



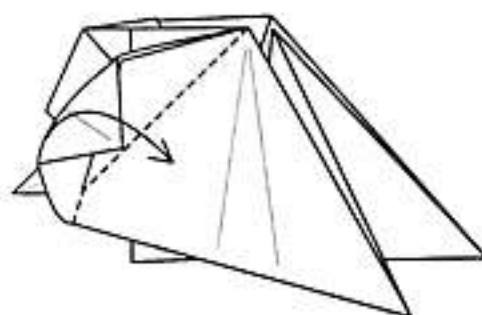
58. Lift up a single layer (it will not lie flat).



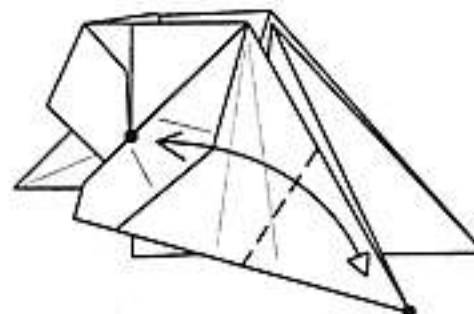
59. Unsink.



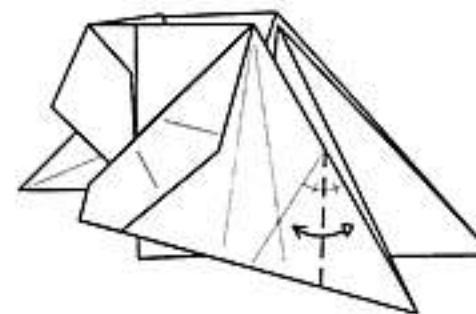
60. Valley the corner to the crease.



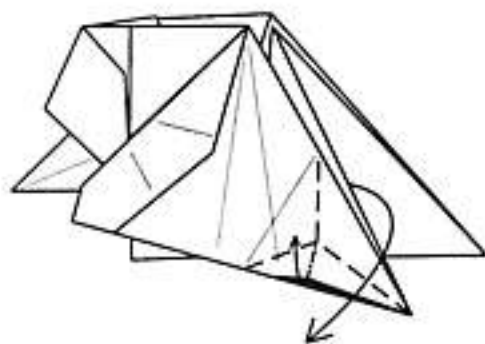
61. Close the flap back up.



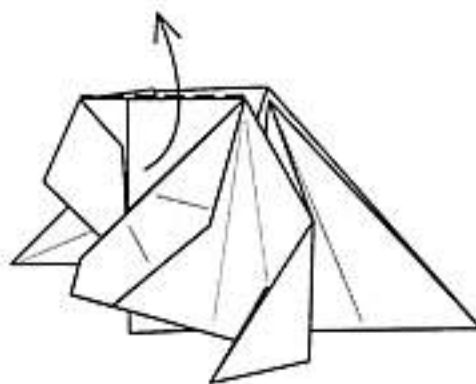
62. Precrease by bringing the flap to the indicated point and unfolding.



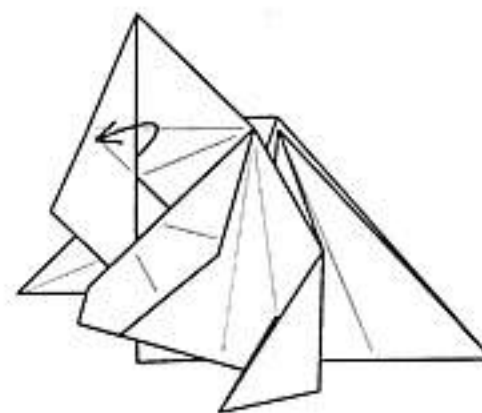
63. Precrease along the angle bisector.



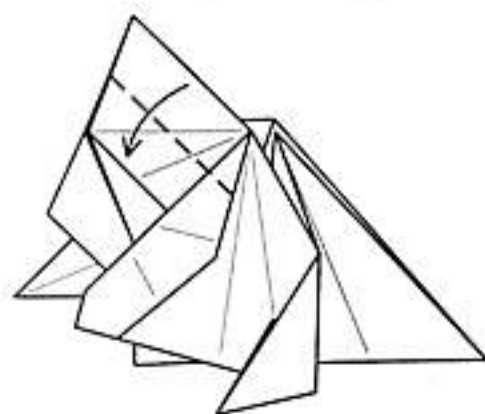
64. Valley over while incorporating a rabbit ear on the top two layers.



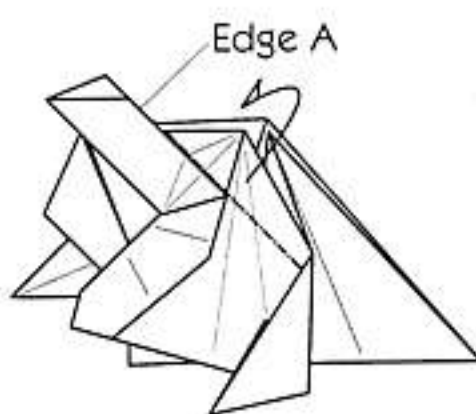
65. Lift up the trapped flap.



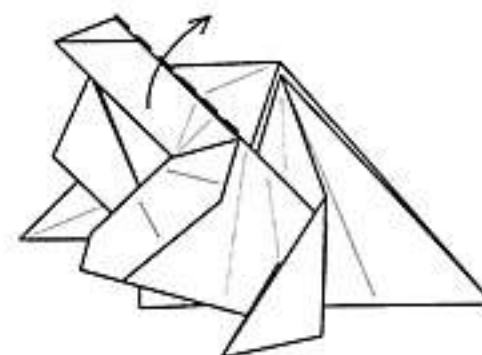
66. Bring two colored flaps to the surface.



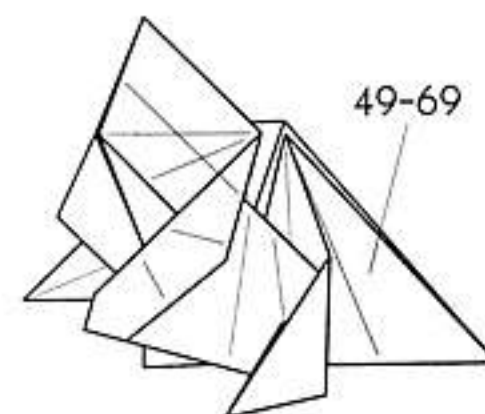
67. Valley the flap in half.



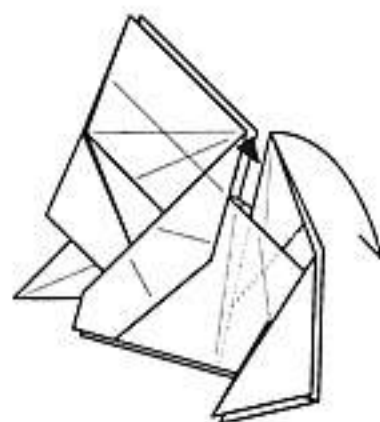
68. Mountain fold, so as to align with edge A.



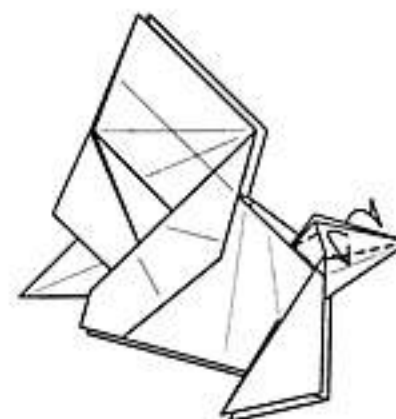
69. Unfold the flap.



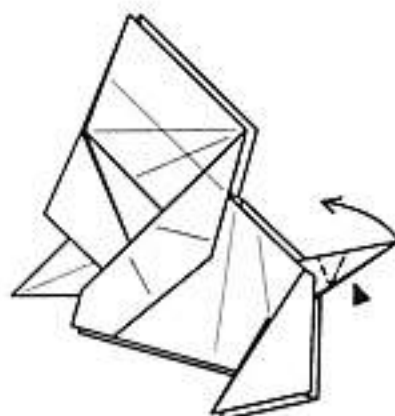
70. Repeat steps 49-69 behind.



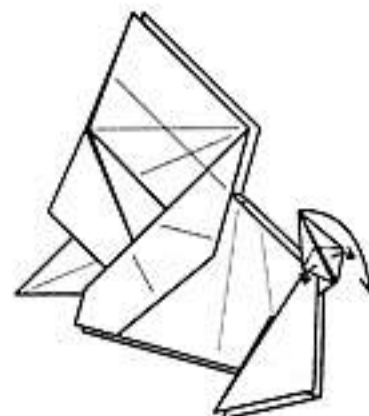
71. Reverse fold, allowing the tiny pleat in the flap's center to come undone.



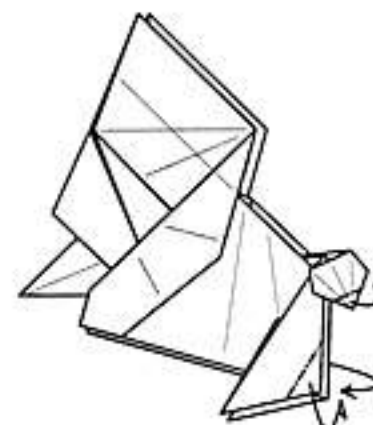
72. Swivel the side of the flap in along the angle bisector.



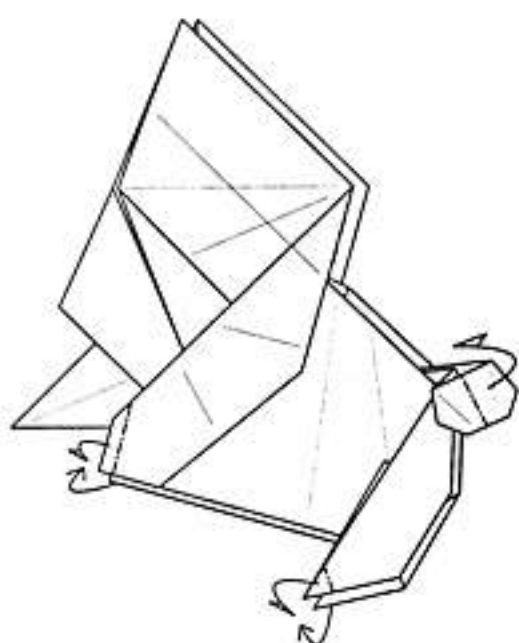
73. Squash the flap flat.



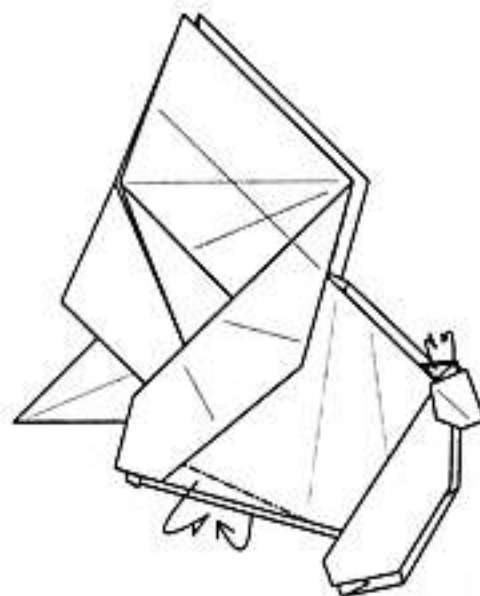
74. Pull out the side layers while swinging down.



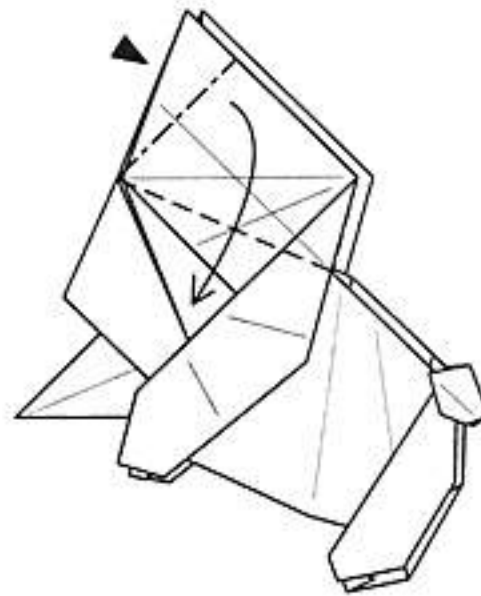
75. Mountain fold the indicated corners.



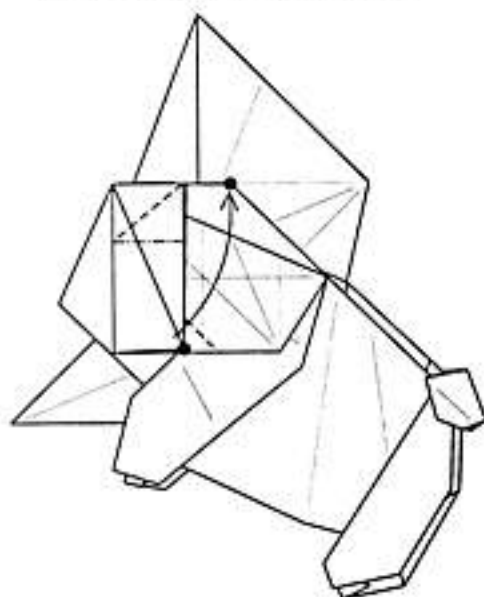
76. Mountain fold the tail in half, and mountain fold the feet as indicated.



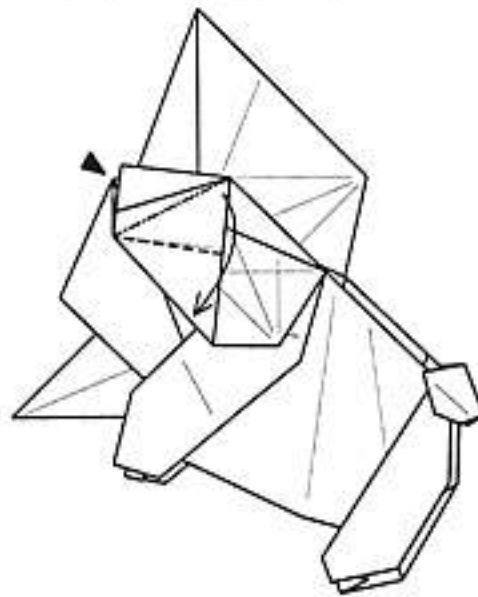
77. Tuck in the flaps at the tail, and swivel in the bottom of the body.



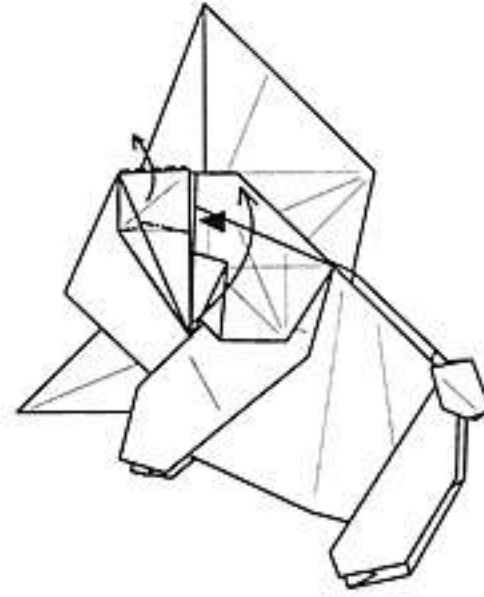
78. Squash fold the top flap.



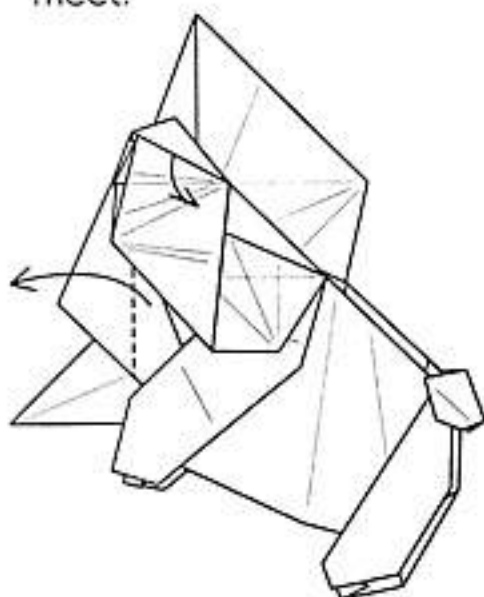
79. Form a squash fold, such that the indicated points meet.



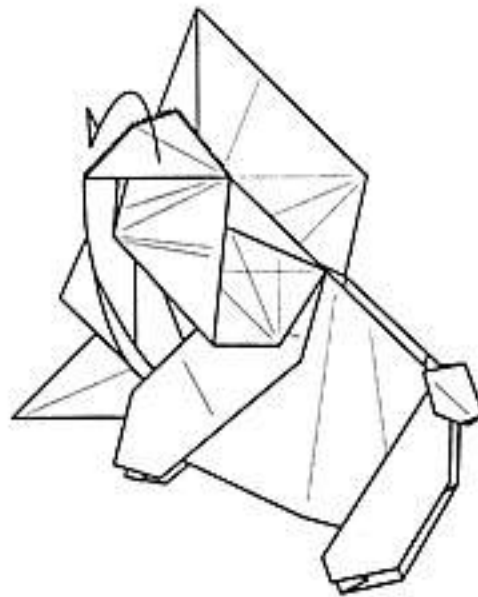
80. Squash the corner down as far as possible.



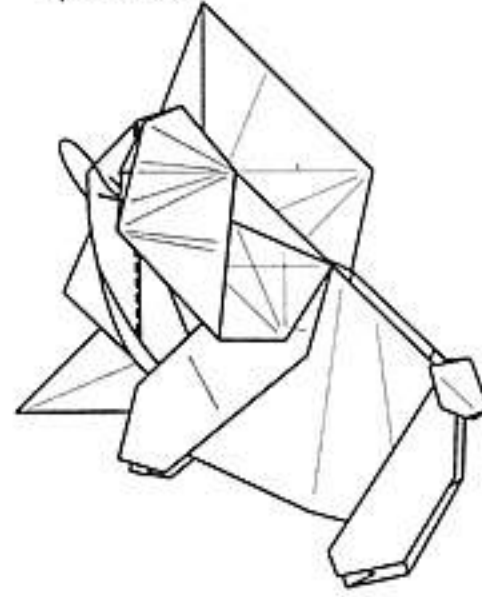
81. Spread apart the center ridge, squashing the flap upwards.



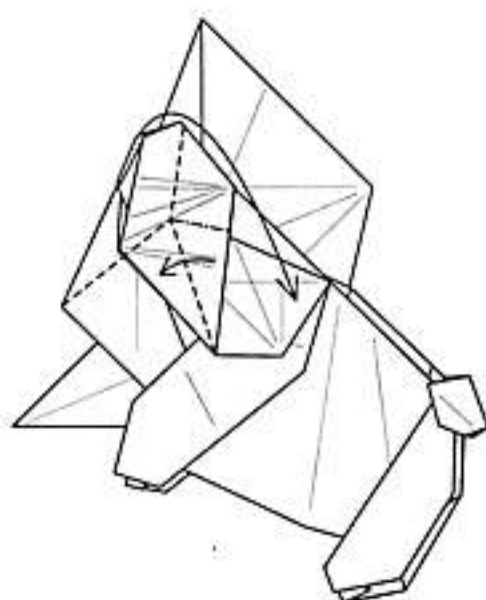
82. Pull out the trapped paper while valley folding the flap at the left (the bottom will not lie flat).



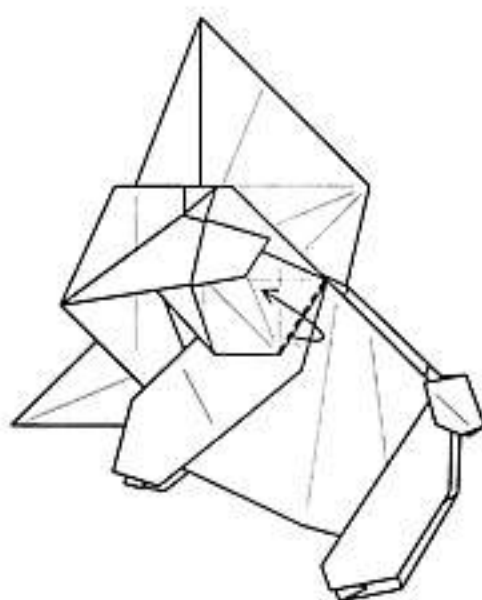
83. Wrap around a single layer.



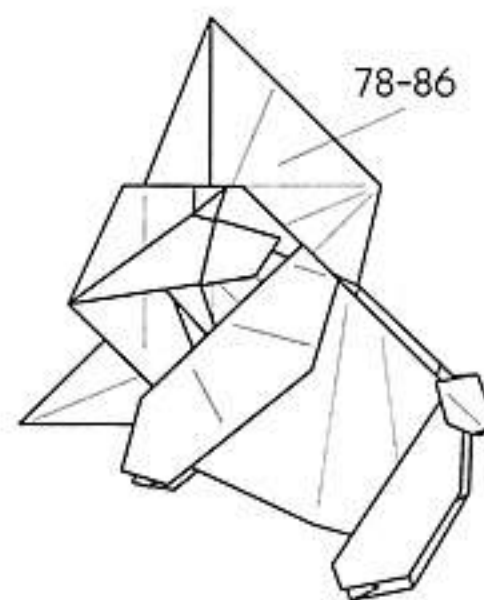
84. Flatten, by tucking the flap beneath all of the layers.



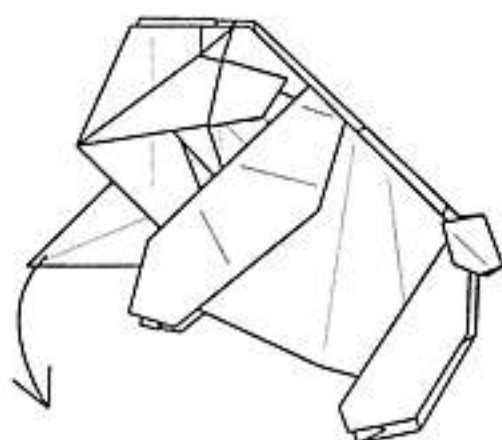
85. Valley down while incorporating a reverse fold.



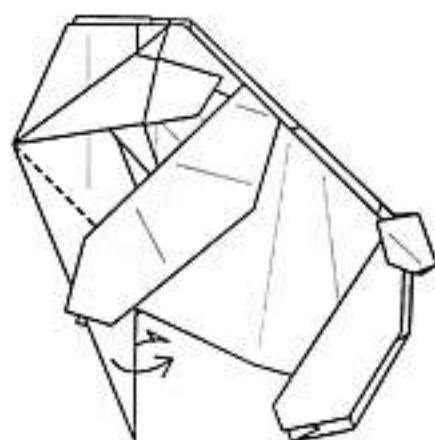
86. Wrap the colored portion around to the surface.



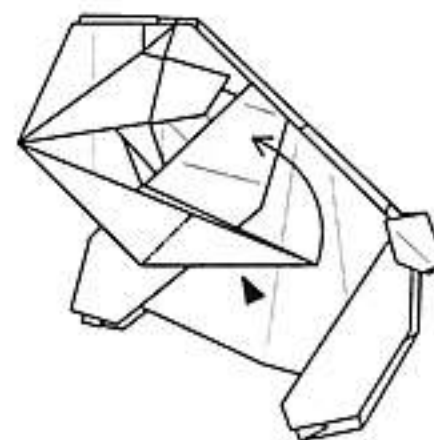
87. Repeat steps 78-86 behind.



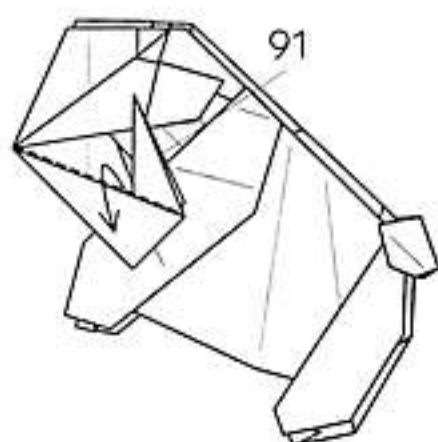
88. Stretch the point downwards.



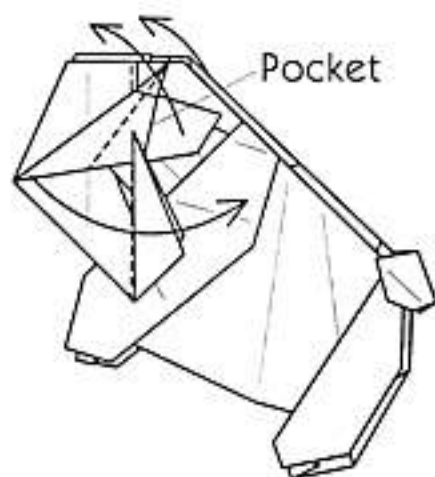
89. Outside reverse fold, allowing the flap to lie on the surface.



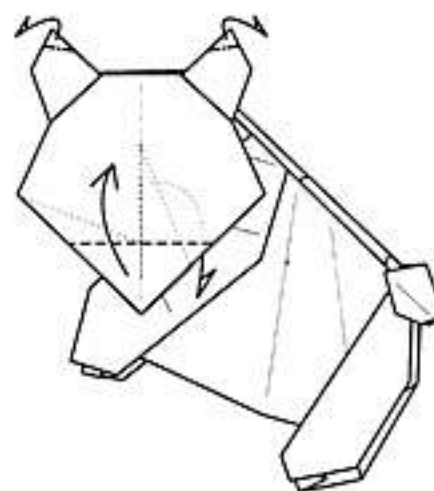
90. Reverse fold upwards.



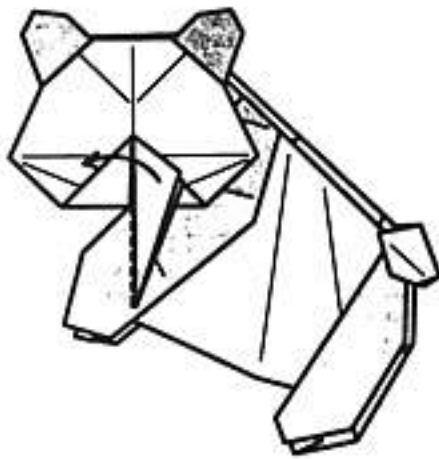
91. Wrap a single layer around. Repeat on the other side of the flap.



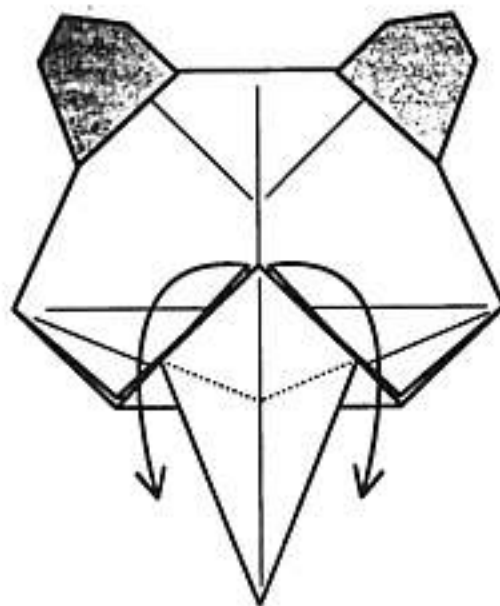
92. Open out the face, while pulling the ears up. Tuck the corners of the head into the indicated pockets.



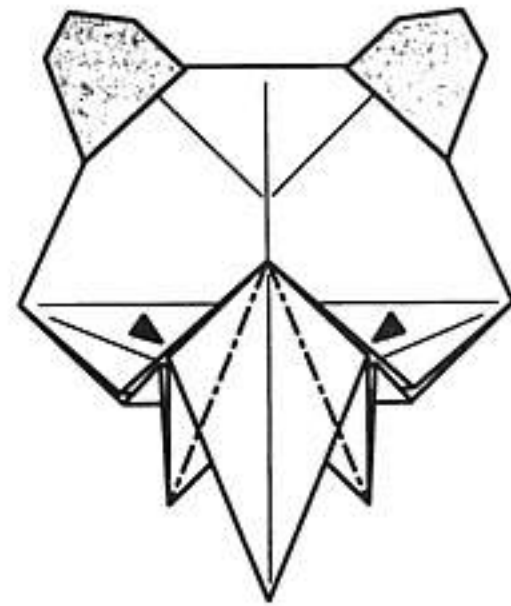
93. Flip the hidden flap as indicated. Mountain fold the corners of the ears.



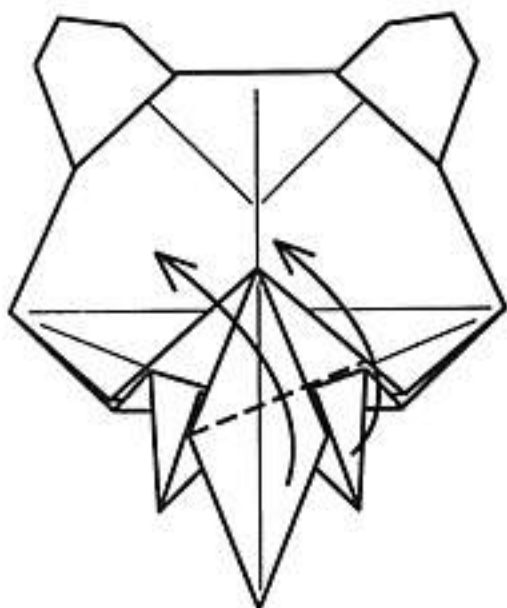
94. Flip over one layer.



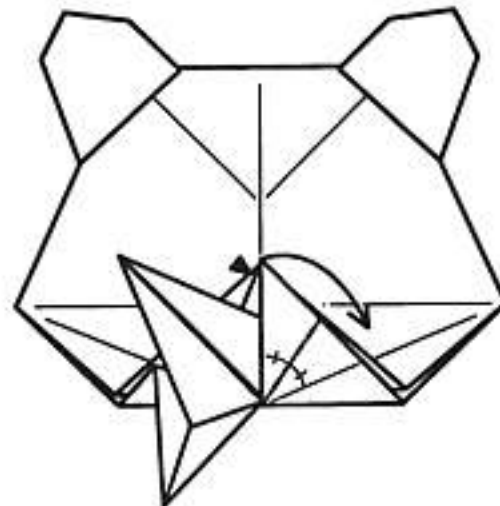
95. Reverse fold the points straight down.



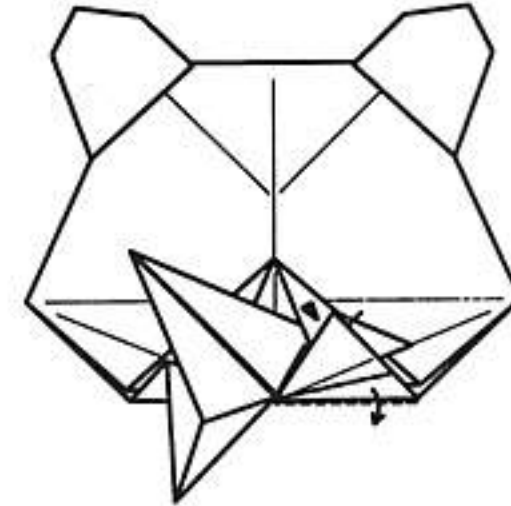
96. Open sink along the angle bisectors.



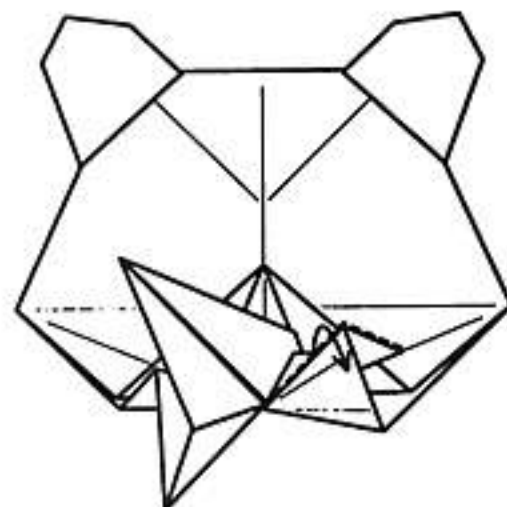
97. Swing up the two flaps.



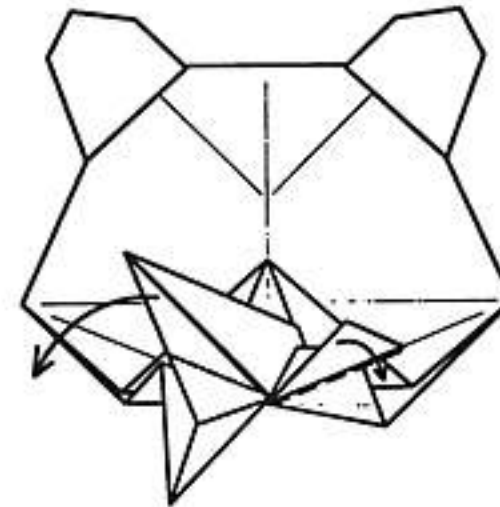
98. Reverse fold along the angle bisector.



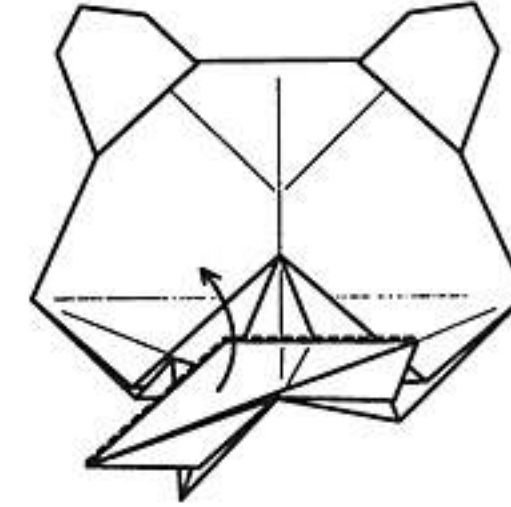
99. Slide some paper down.



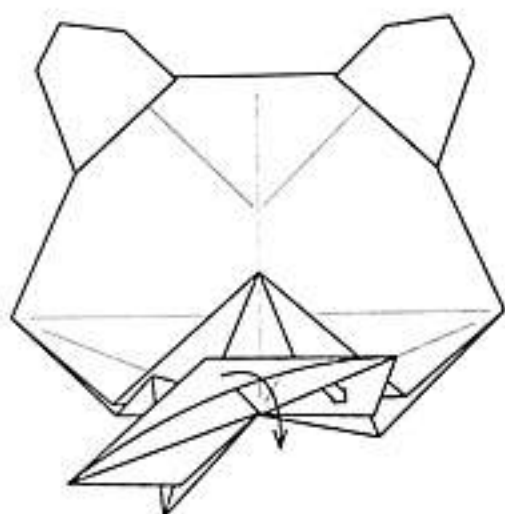
100. Wrap around a single layer.



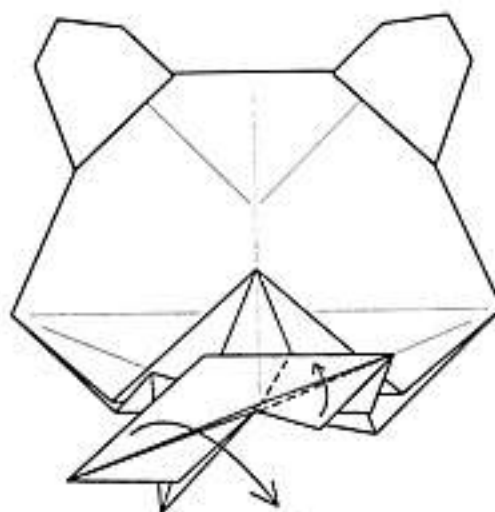
101. Valley down the colored section. Pull the point to the side, releasing a pleat.



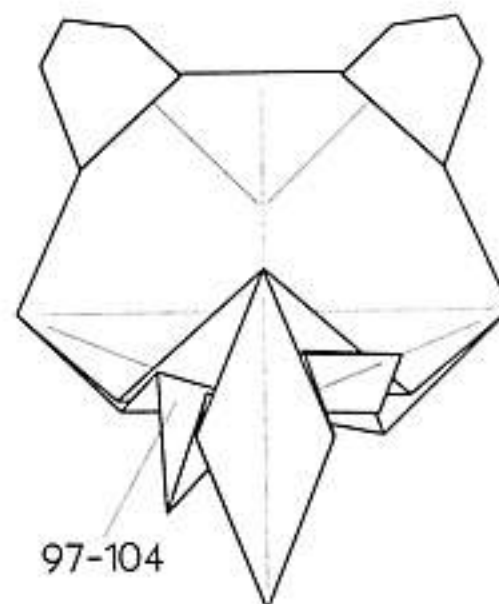
102. Lift up the top layer to reveal the colored portion.



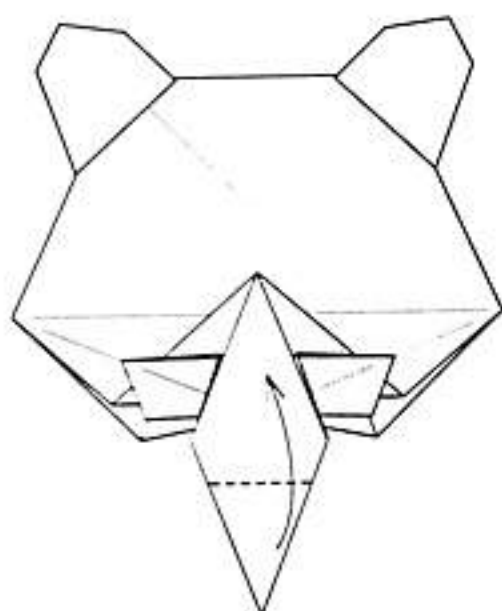
103. Unsink, and then close the top flap.



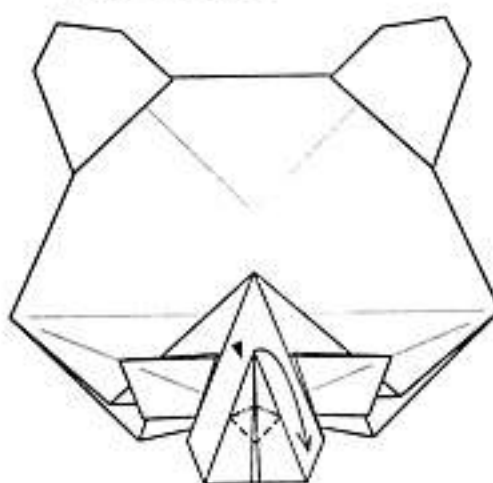
104. Valley the colored flap, and swing the center flap back down.



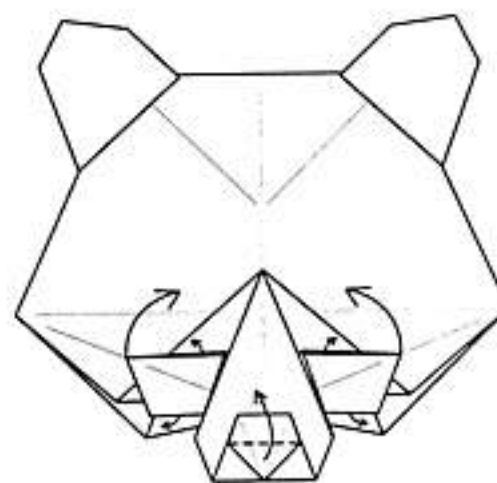
105. Repeat steps 97-104 in mirror image.



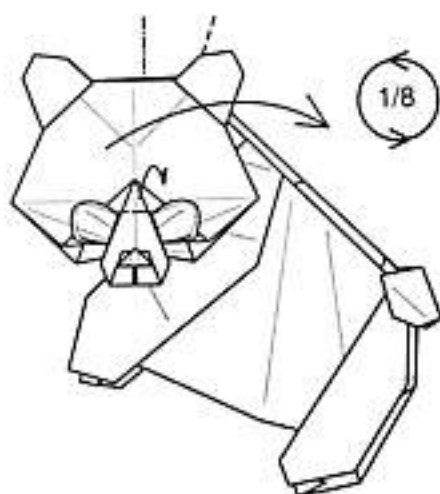
106. Valley up.



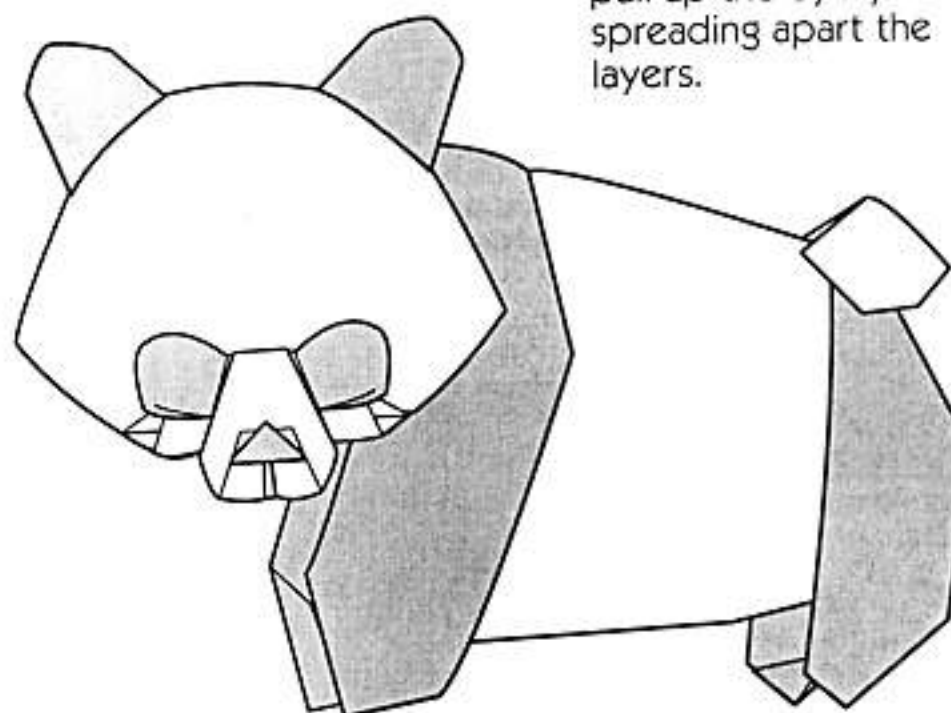
107. Squash fold.



108. Valley the nose, and pull up the eyes, spreading apart the layers.



109. Mountain fold between the eyes. Pleat the head into position, and shape to taste. Rotate $\frac{1}{8}$ of a turn.



110. Completed Giant Panda
©1994 Marc Kirschenbaum

WEREWOLF

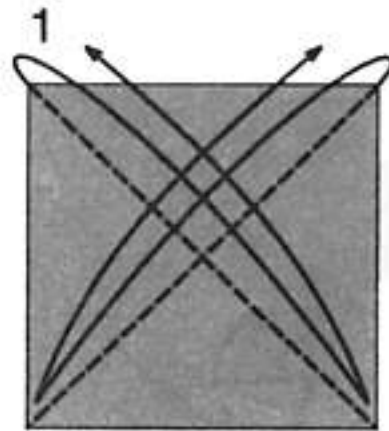
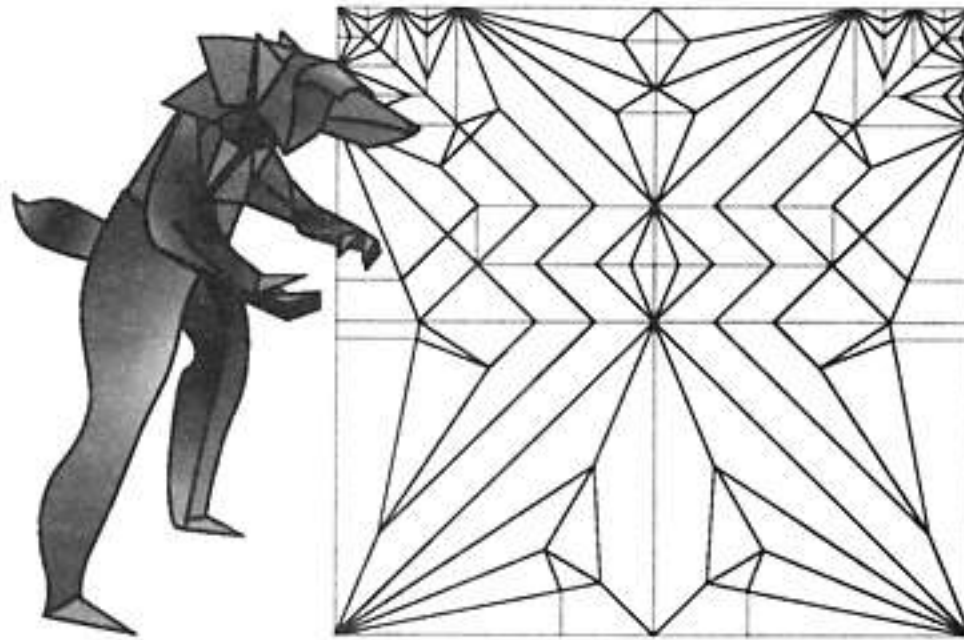
Complex

Jason Ku

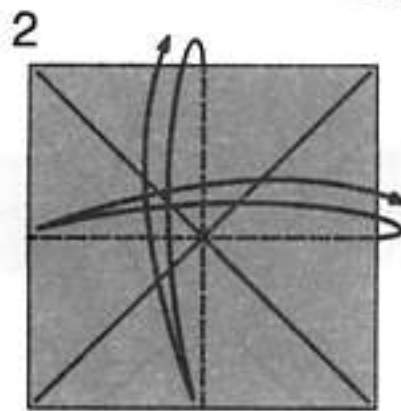
©2004 - Georgia

Designed: ©2004/08/07

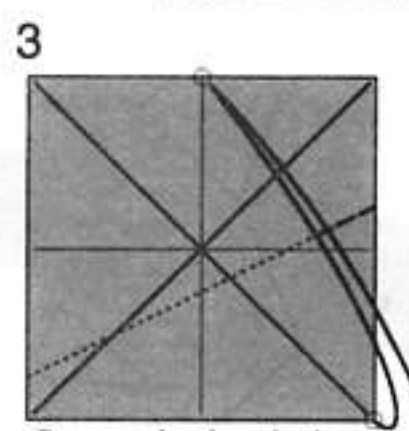
Diagrammed: ©2004/08/28



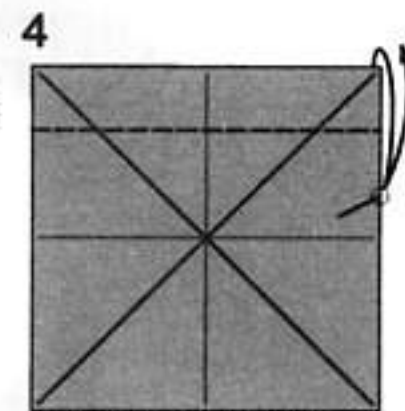
Start color side up.
Fold and unfold.



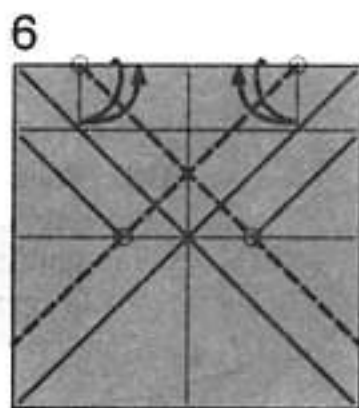
Fold and unfold.



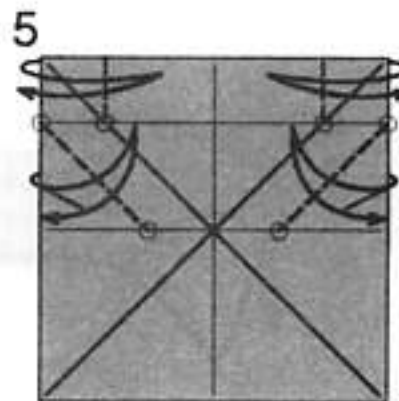
Crease a landmark along
the edge of the paper using
the ○'s as guides.



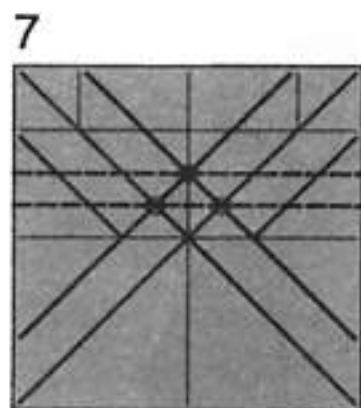
Fold and unfold the
corner to the landmark.



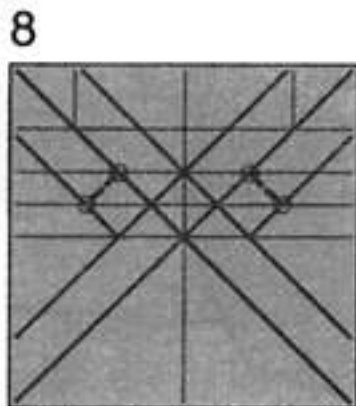
Fold and unfold using the
○'s as guides.



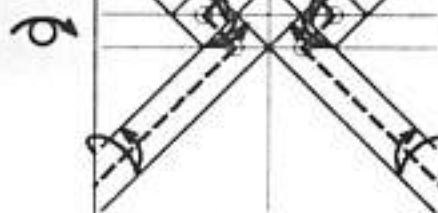
Fold and unfold using the
○'s as guides.



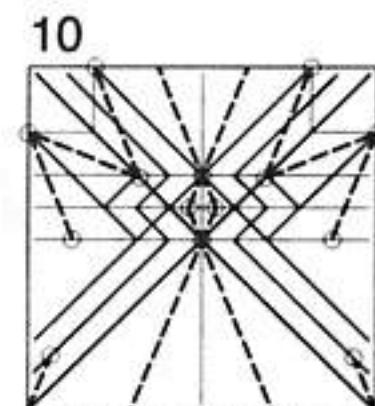
Fold and unfold using the
○'s as guides.



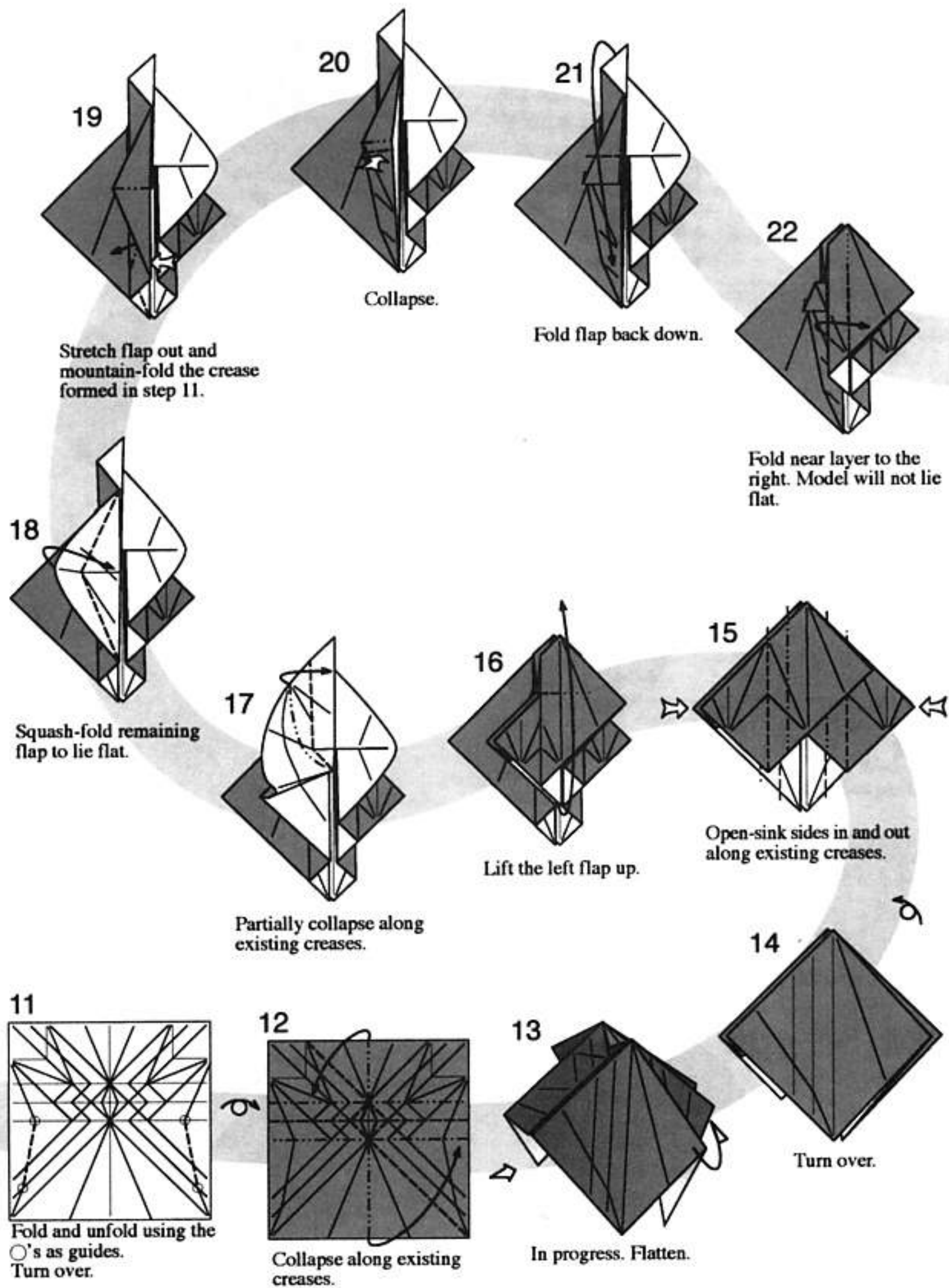
Fold and unfold using the
○'s as guides.
Turn over.

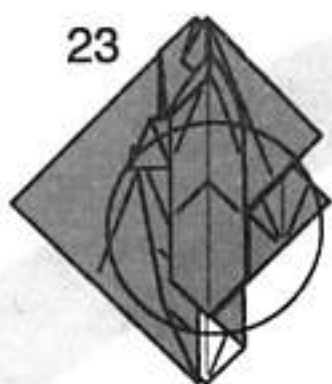


Fold and unfold halves
using the ○'s as guides.

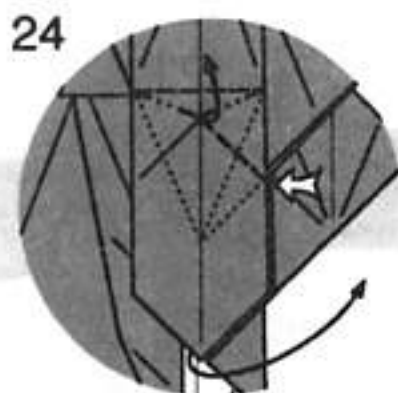


Fold and unfold using the
○'s as guides along
multiples of 22.5°.

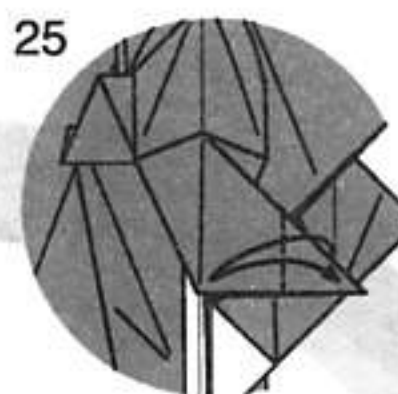




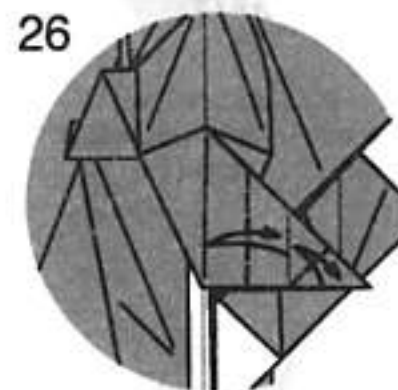
Zoom in.



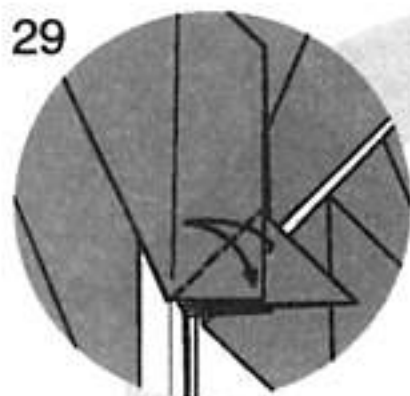
Petal-fold along existing creases.



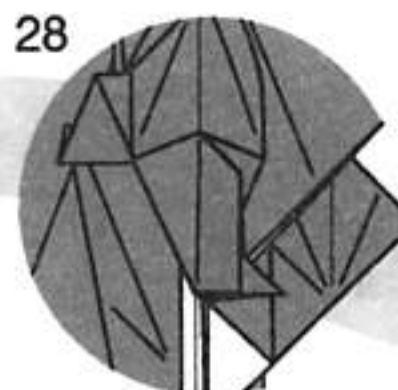
Fold and unfold in half.



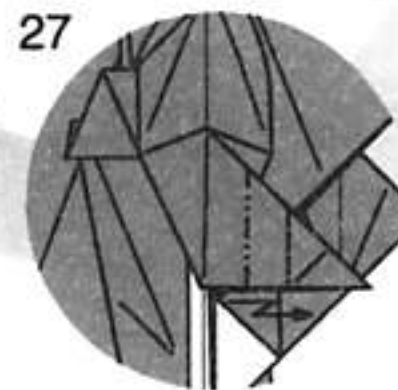
Fold and unfold.



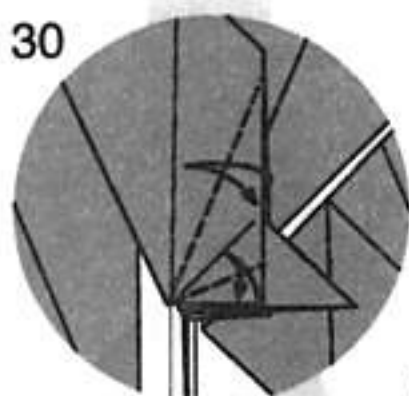
Fold and unfold.



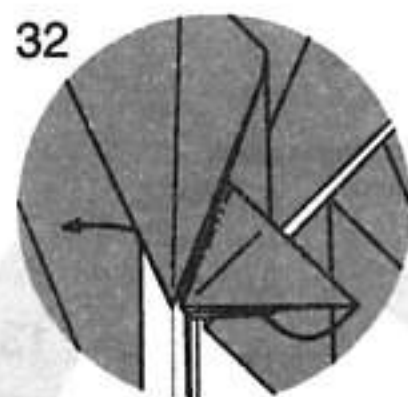
Zoom in.



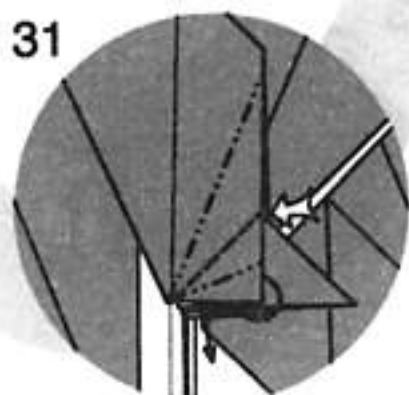
Crimp.



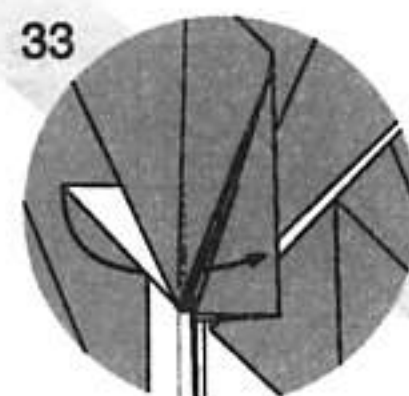
Fold and unfold.



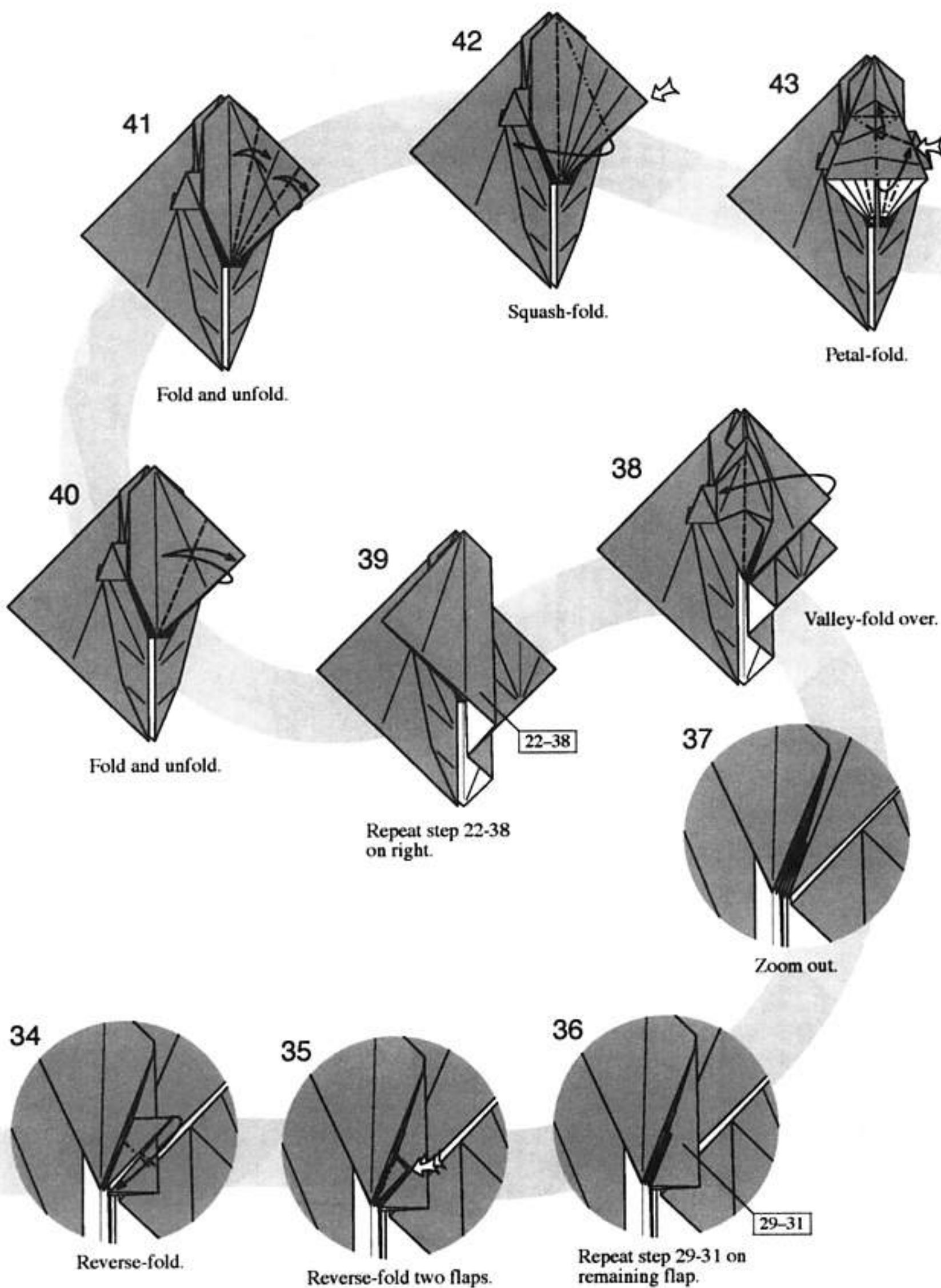
Reverse-fold.

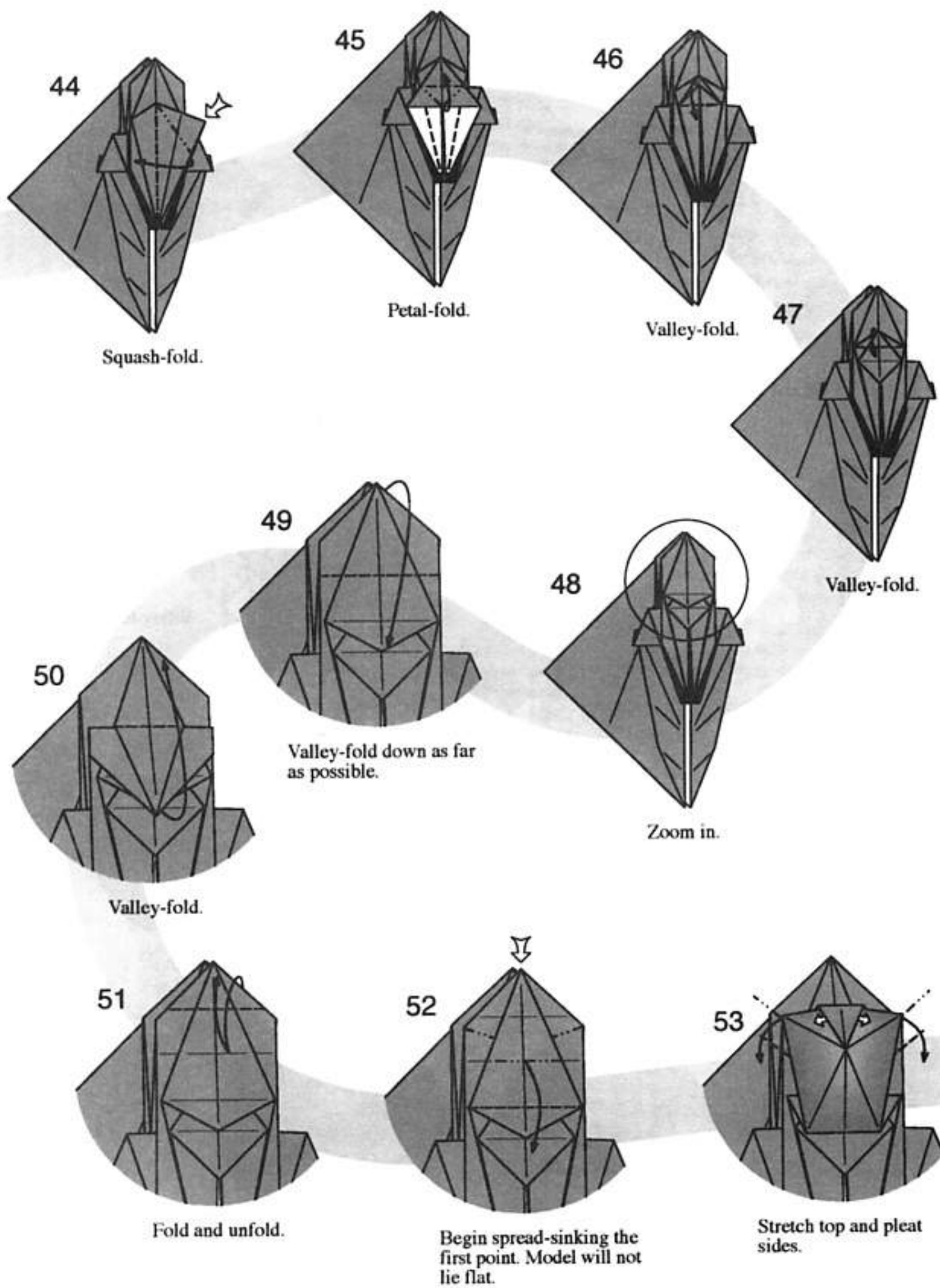


Reverse-fold three times.

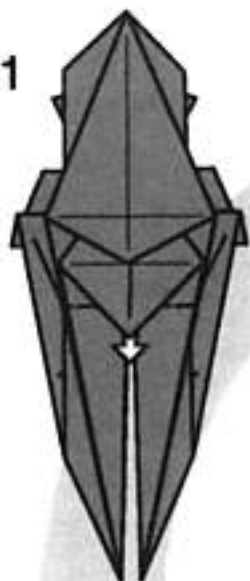


Reverse-fold.



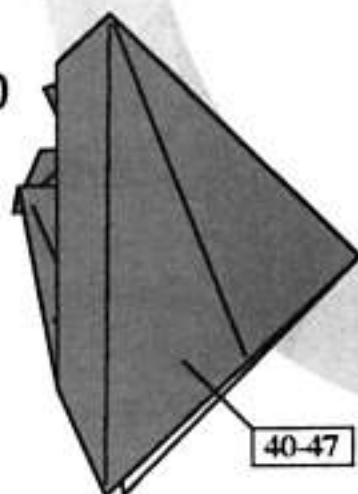


61



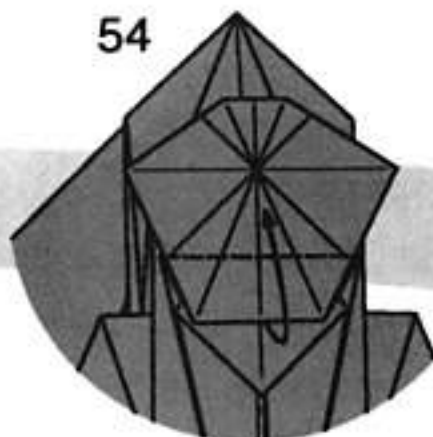
Pull lower flap and stretch middle flap as far as it can go.

60



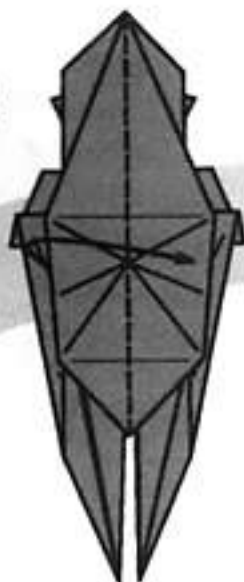
Repeat steps 40-47 on this flap. Zoom in.

54



Valley-fold up.

62



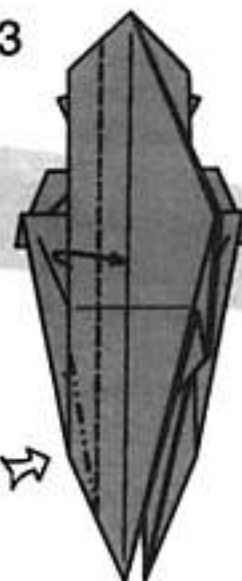
Valley-fold.

59



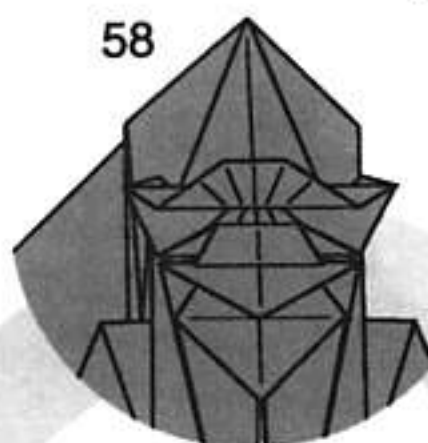
Turn over.

63



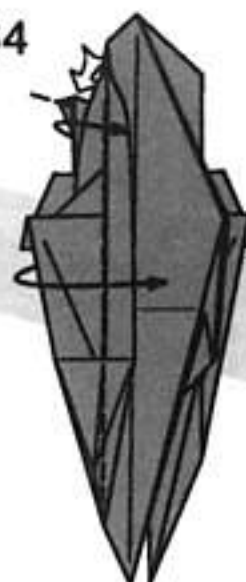
Valley-fold in half while spread-sinking bottom. Top does not lie flat.

58



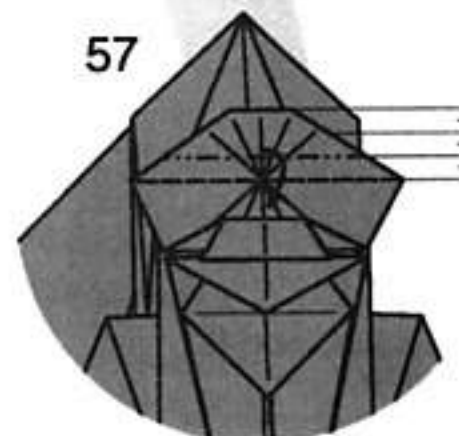
Zoom out.

64



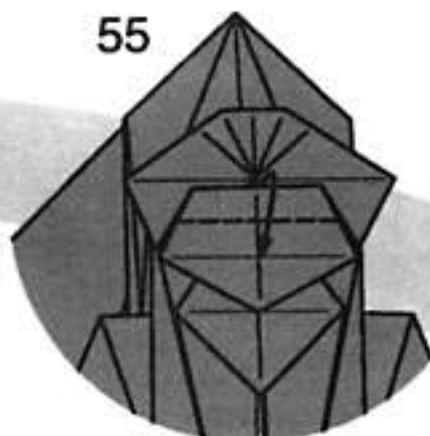
Valley-fold the rest to the right while squash folding the top.

57



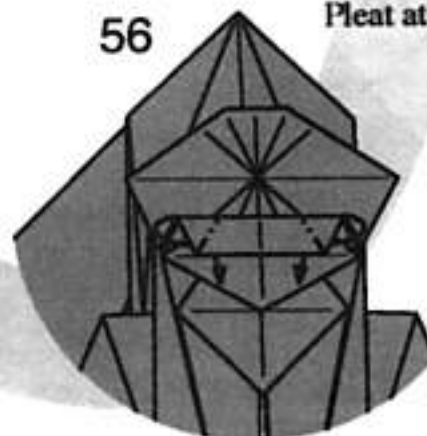
Pleat at the third.

55

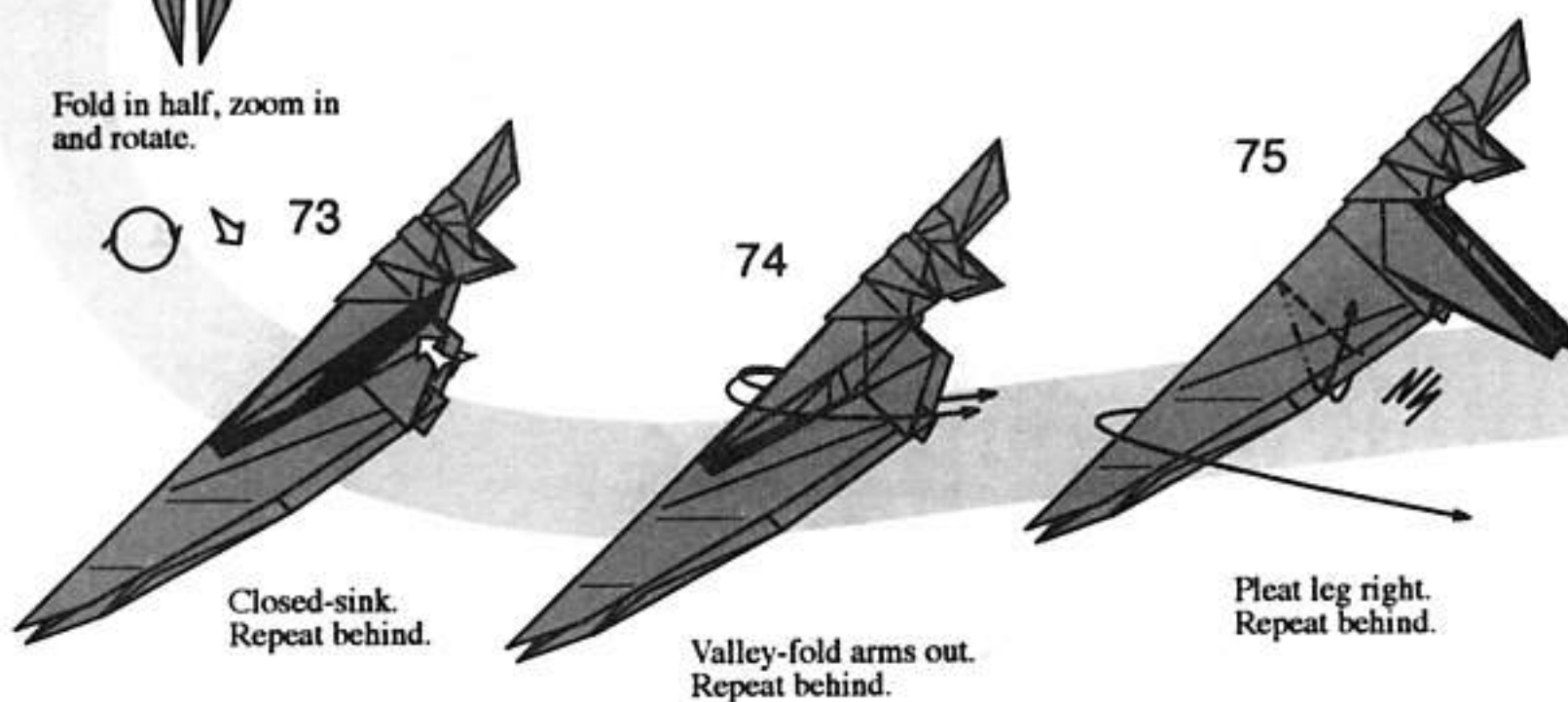
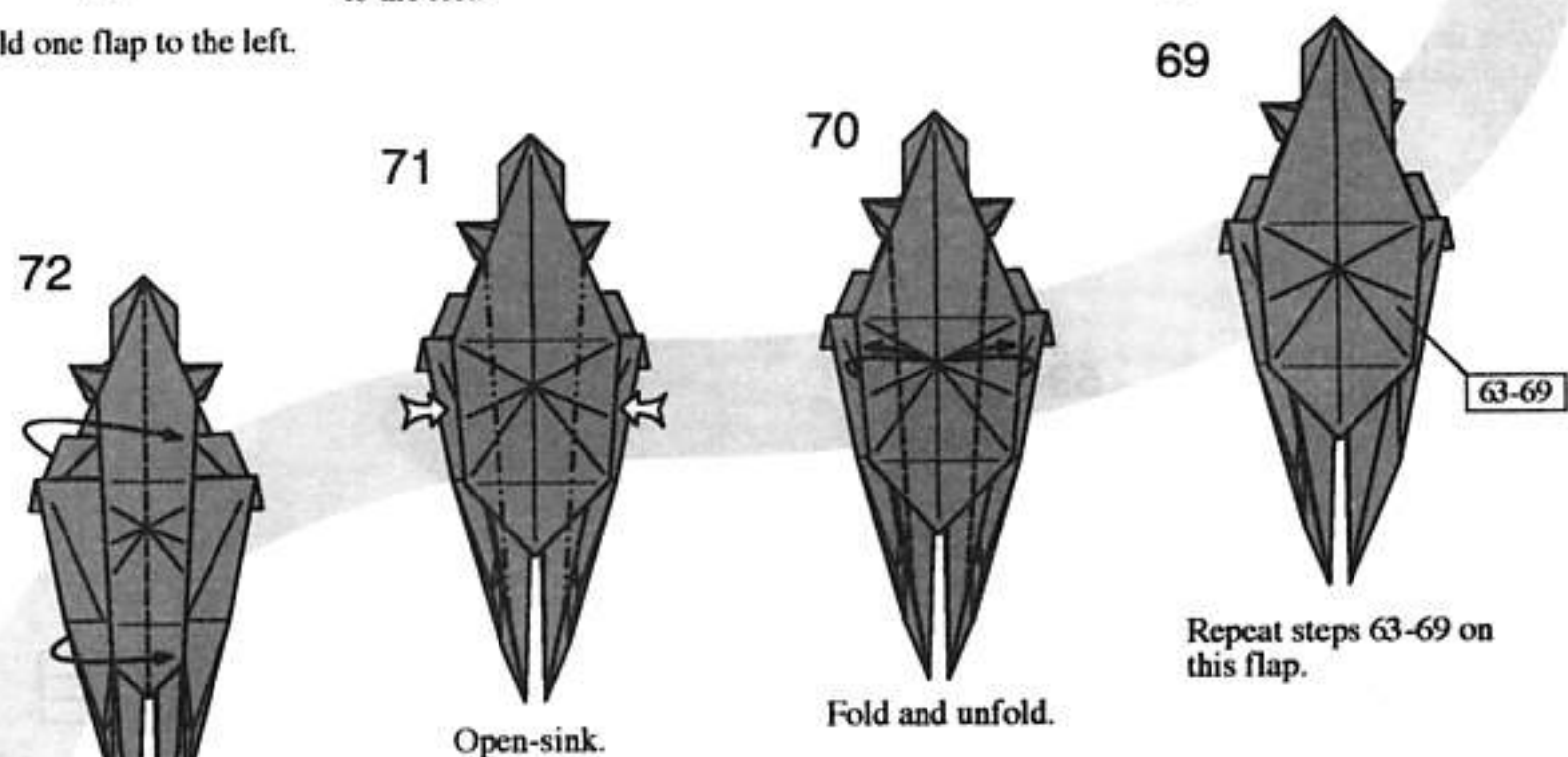
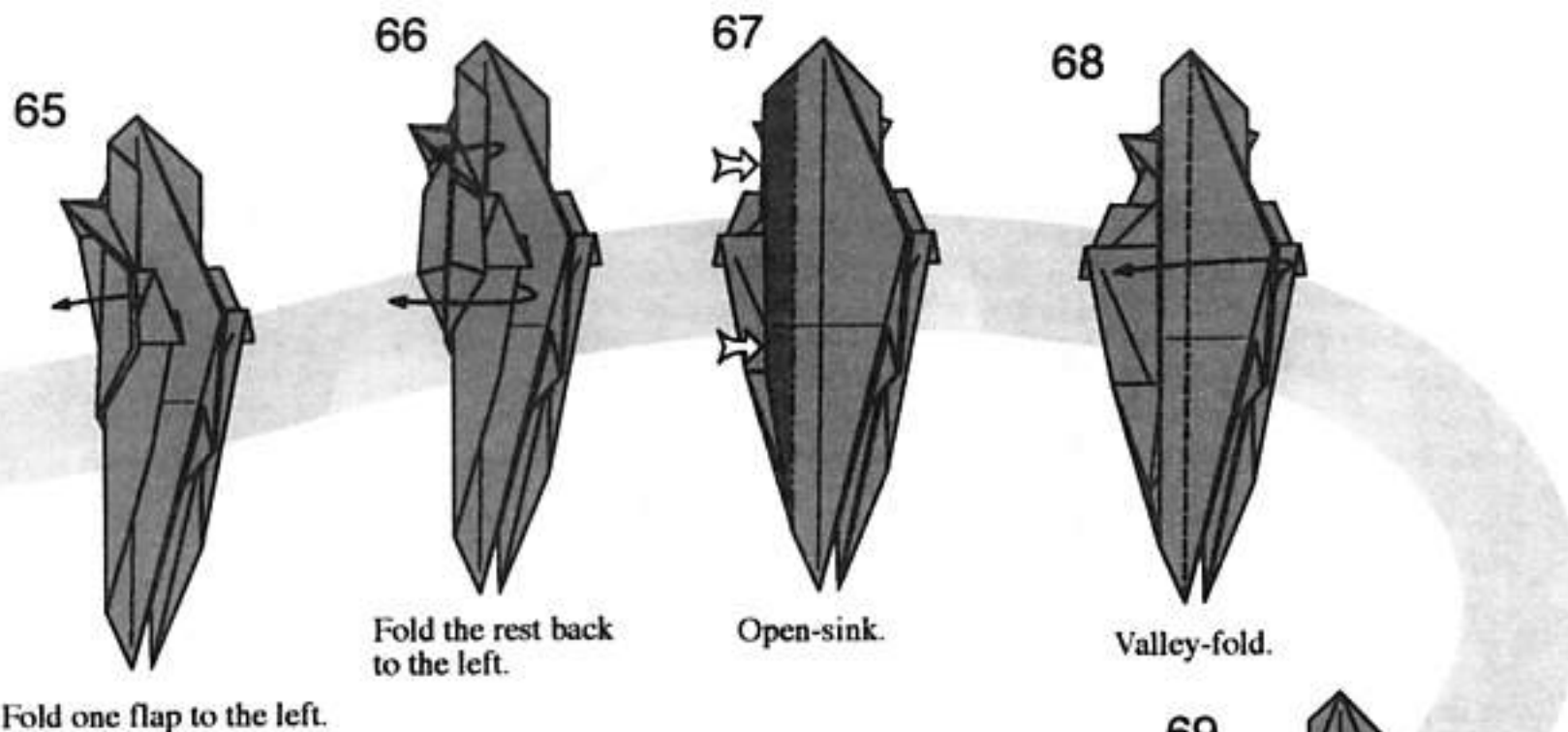


Valley-fold down.

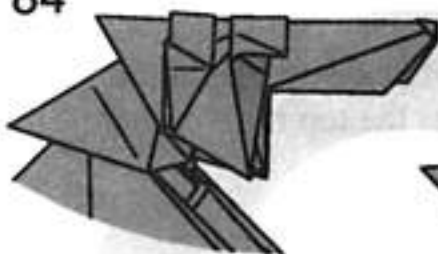
56



Reverse-fold.



84



Zoom out.

85

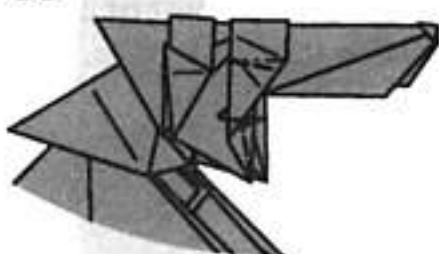
Outside-reverse-fold
all ten fingers up.

87

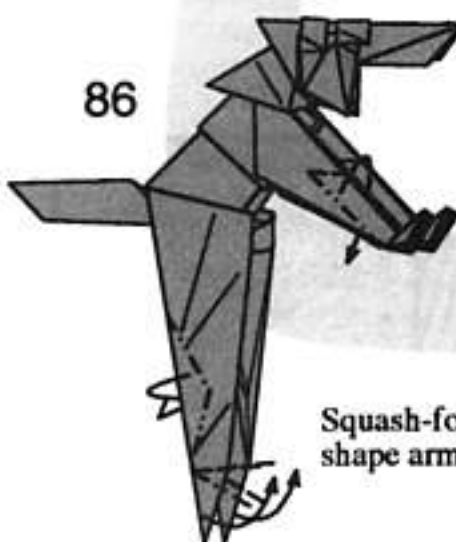


Finished.

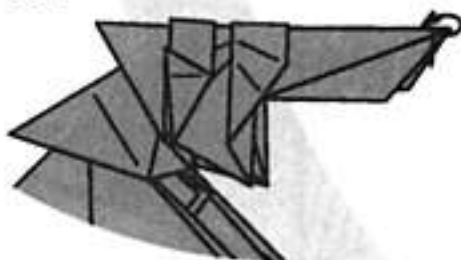
83

Swivel-fold eye.
Repeat behind.

86

Squash-fold feet and
shape arms and legs.

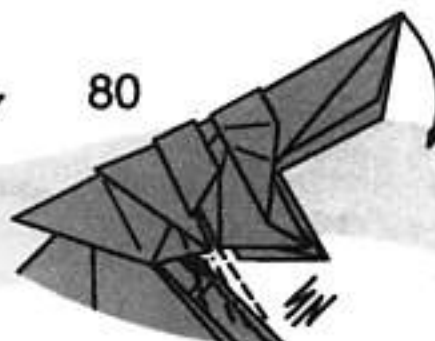
82

Outside-reverse-fold
nose.

81

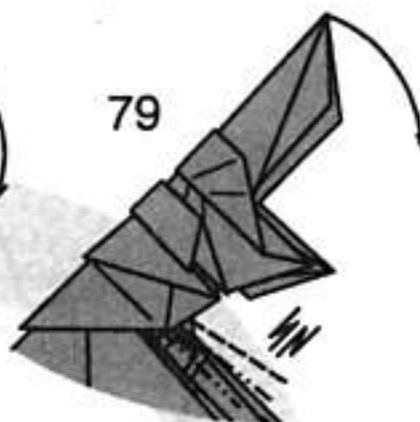
Fold ear up.
Repeat behind.

80



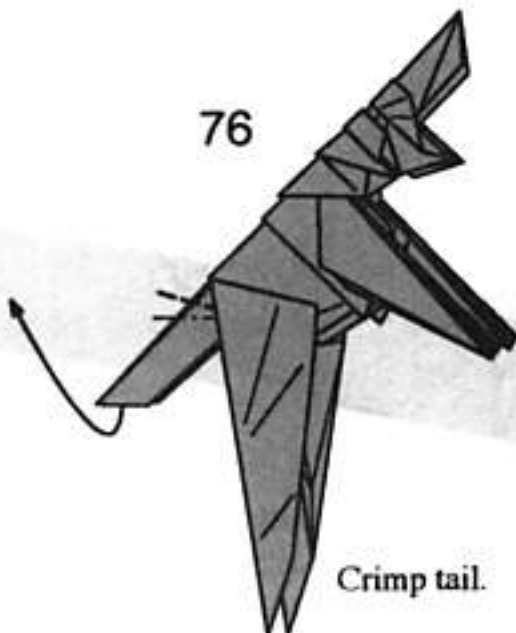
Crimp head down again.

79



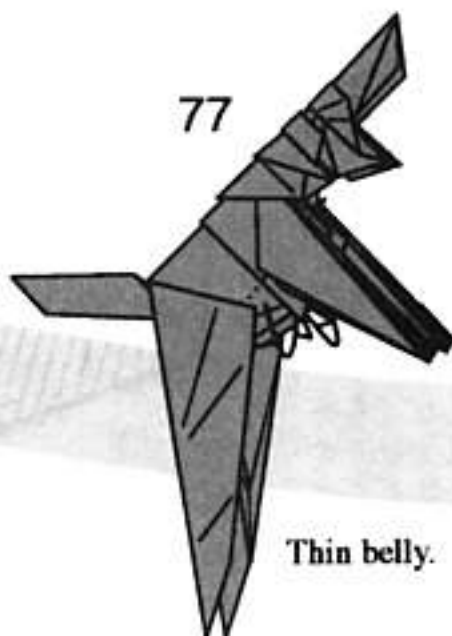
Crimp head down.

76



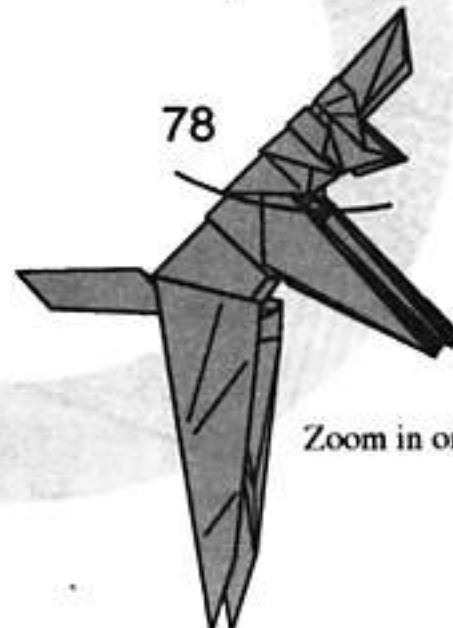
Crimp tail.

77



Thin belly.

78



Zoom in on head.

KALEIDO-COASTER

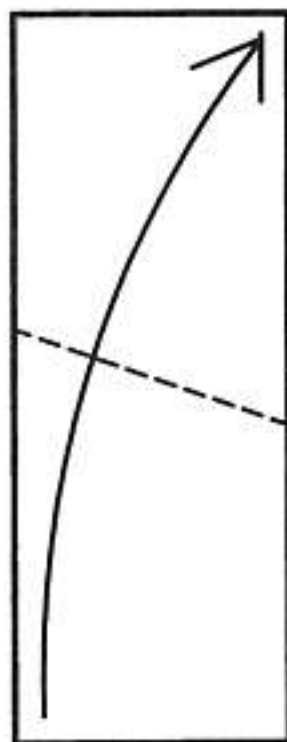
Emily Sue Kwan

©2003 - New Jersey

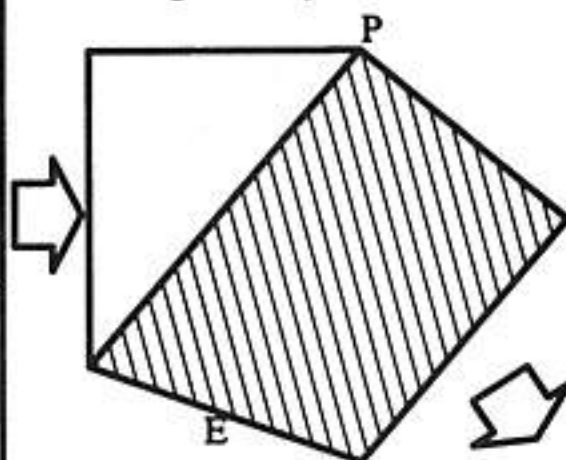
Simple

9 rectangles

2" x 5.5" rectangles yield a 6" diameter model

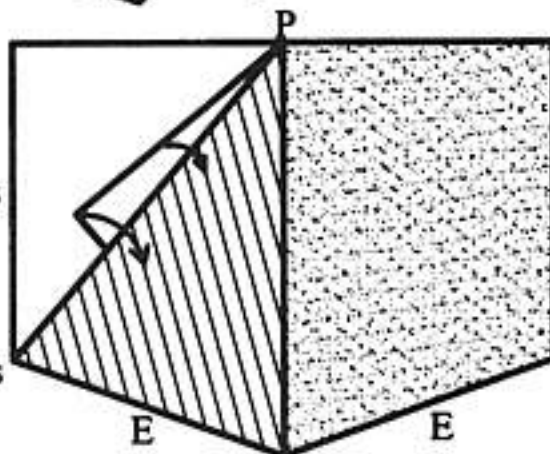


1. Each unit requires only one simple fold! Begin white side up. Hold the rectangle vertical and bring the lower left corner up to meet the top right corner creating a valley crease as shown.

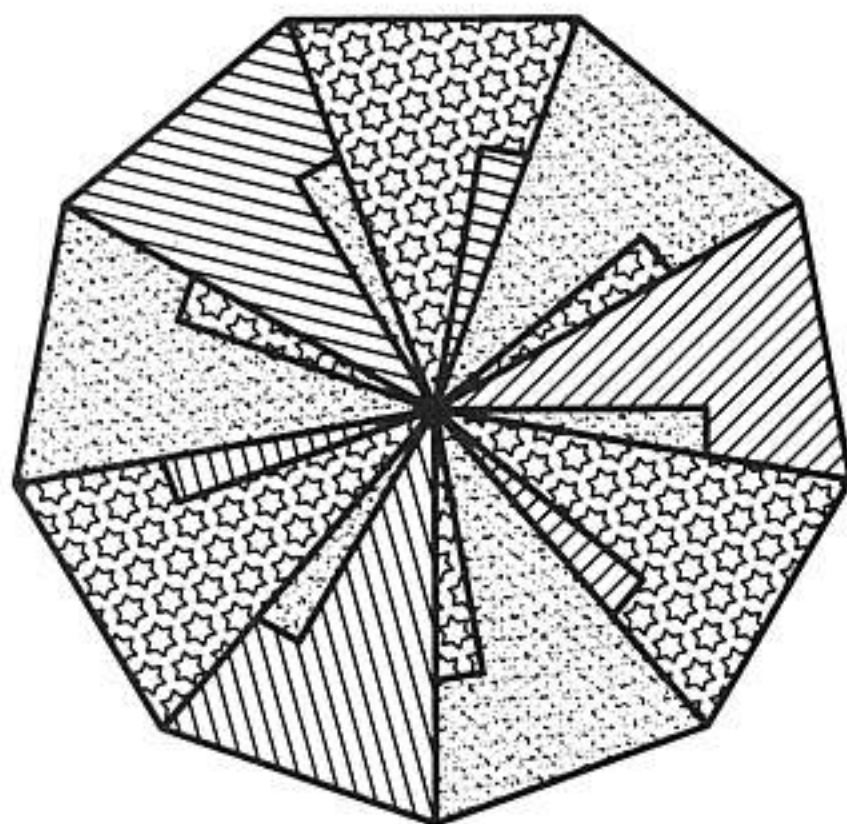
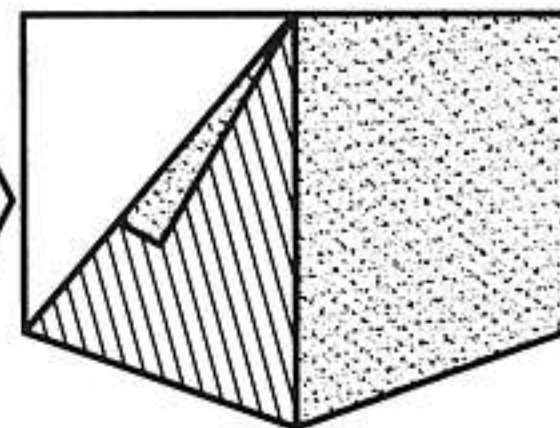


2. Completed unit! Point "P" will be at the center of the model. Edge "E" will be part of the perimeter of the model. Fold a total of 9 units.

3. Assembly: Hold 2 units as shown in step 2. Slide the unit on the right under the top layer of the unit on the left, matching the center point "P" of the 2 units and matching the ends of the 2 perimeter edges "E".

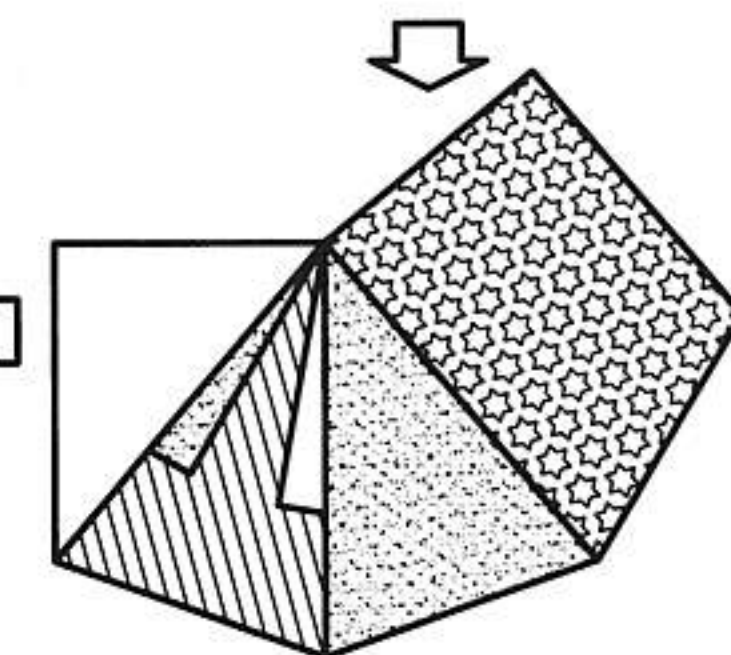


4. To lock 2 units together, make the small valley fold, as shown, along just the skinny flap of paper sticking out. Then, turn the model over and repeat an identical small fold on the back.



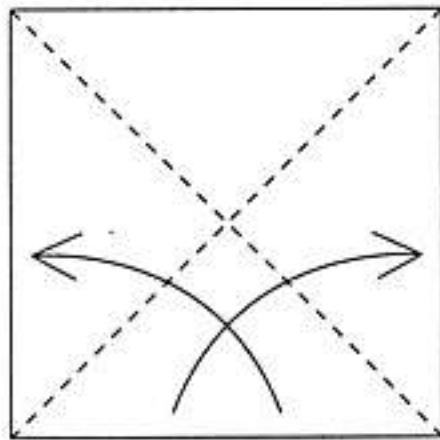
6. The completed model should look like this.

Note: If you are aware of paper grain, step 4 will be easier if the grain of the paper goes with the short dimension of the rectangle.

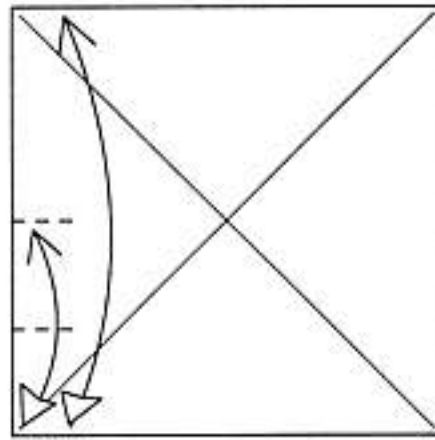


5. Continue to add one unit at a time, going in a circle counter-clockwise. Lock each unit after sliding it into place.

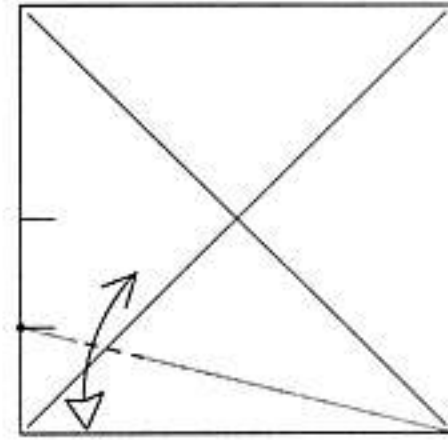
Diagrams by Daniel Kwan



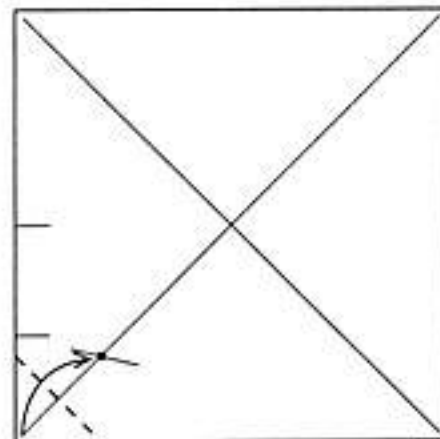
1. Begin with square, white up. Fold and unfold along both diagonals.



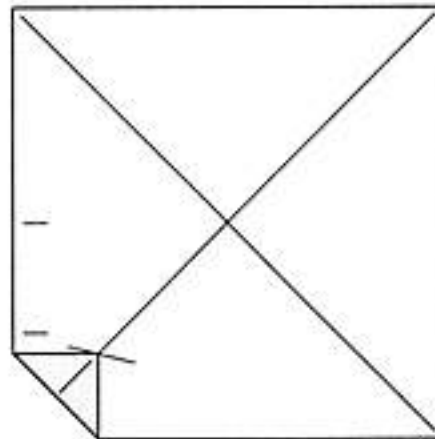
2. Make a pinch halfway down; then use that as a reference to make a pinch 1/4 of the way down.



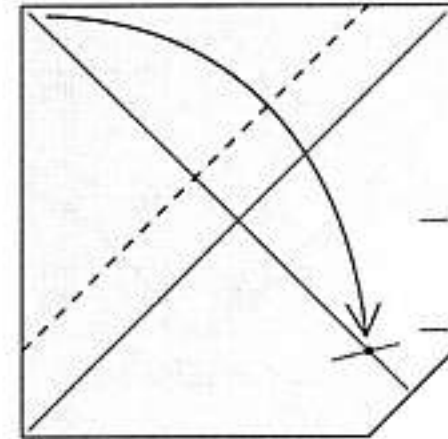
3. Connect two points with a crease, making the crease sharp only where it crosses the diagonal.



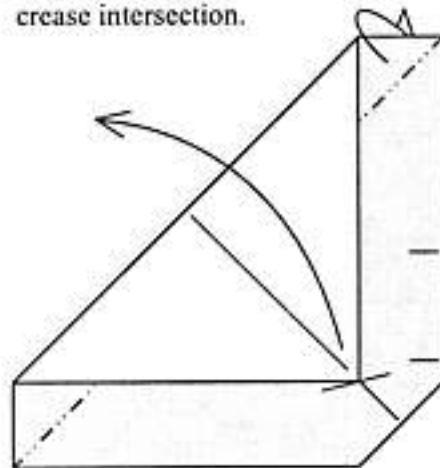
4. Fold the lower left corner to the crease intersection.



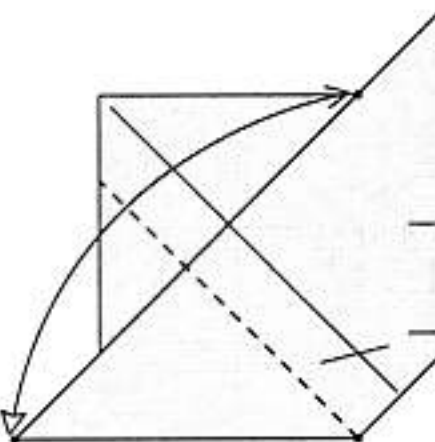
5. Turn the paper over.



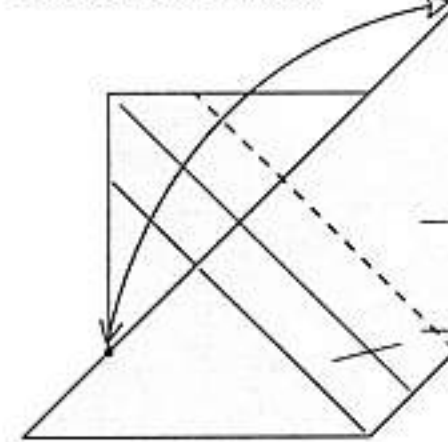
6. Fold the upper left corner to the same crease intersection.



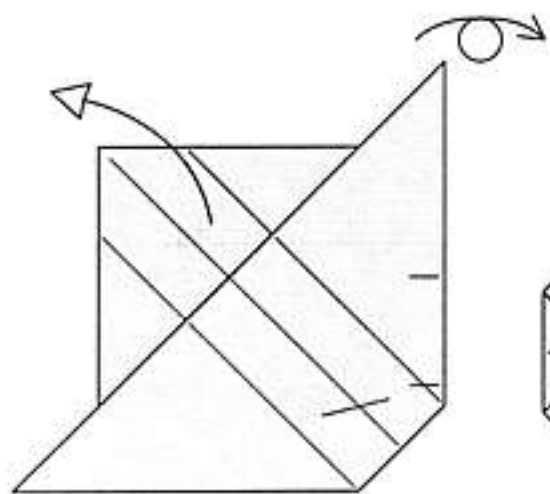
7. Mountain-fold the edge behind on the existing crease and allow the corner to swing upward.



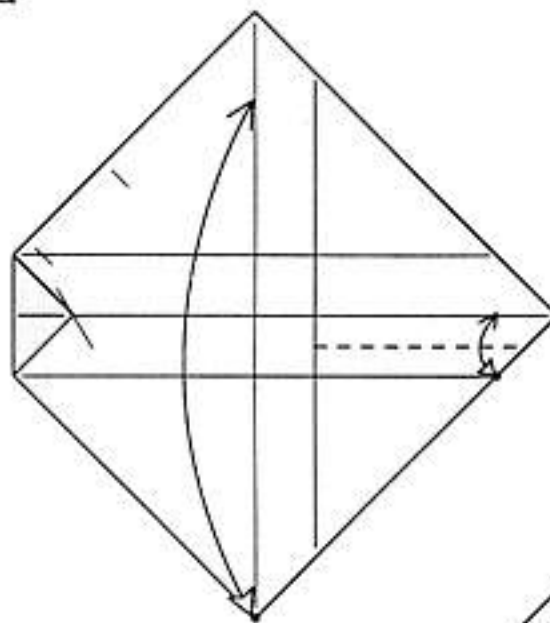
8. Fold the corner to the indicated point and unfold; the crease runs through the lower right corner.



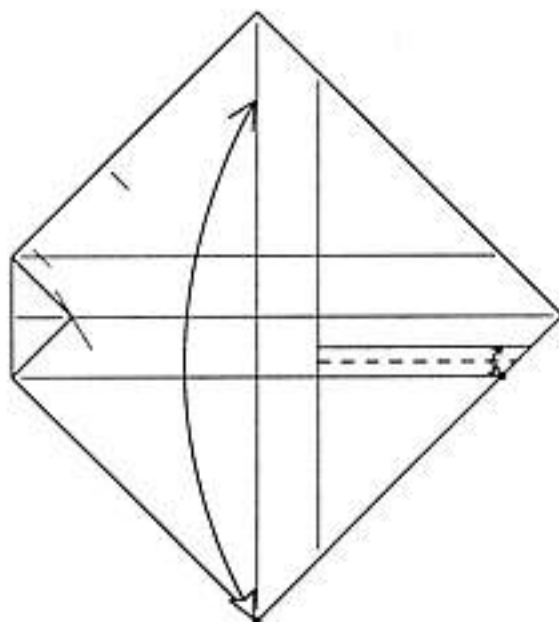
9. Repeat with the other corner.



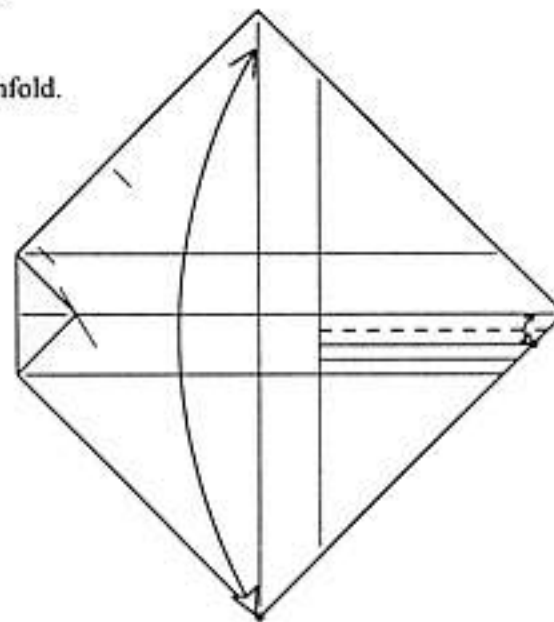
10. Unfold the pleat and turn the paper over.



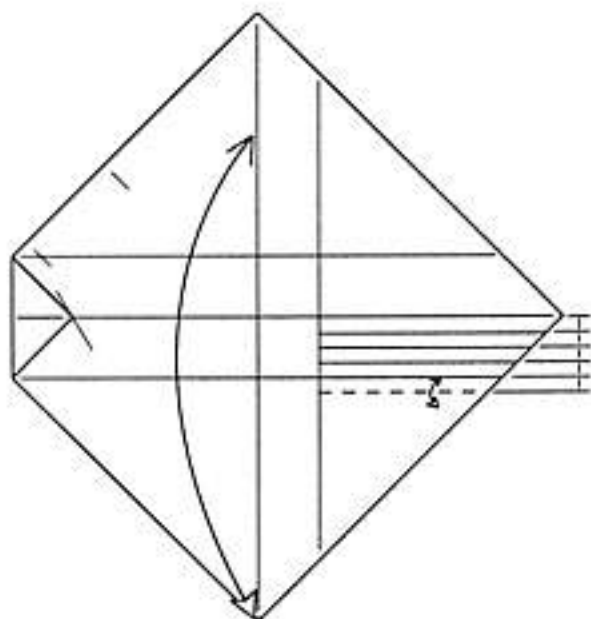
11. Fold and unfold.



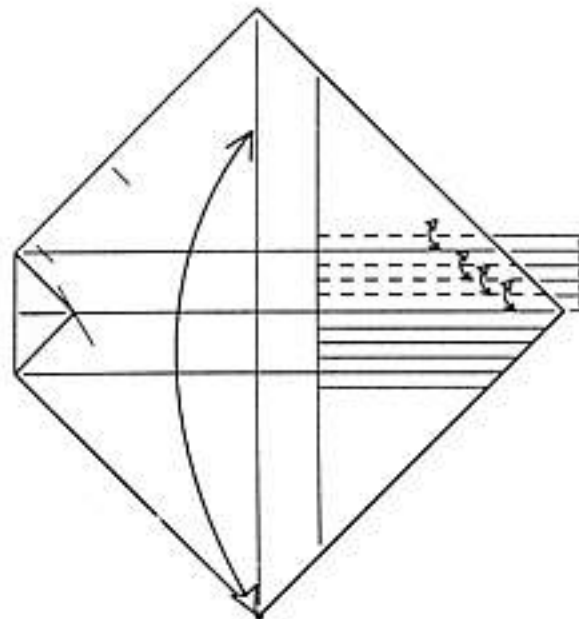
12. Fold and unfold.



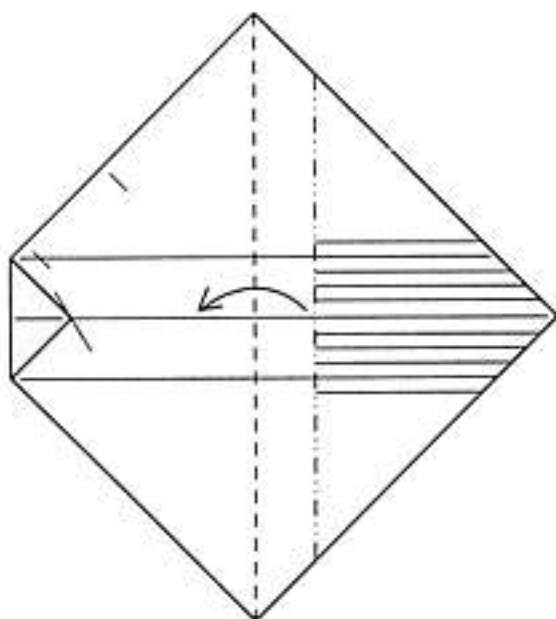
13. Fold and unfold.



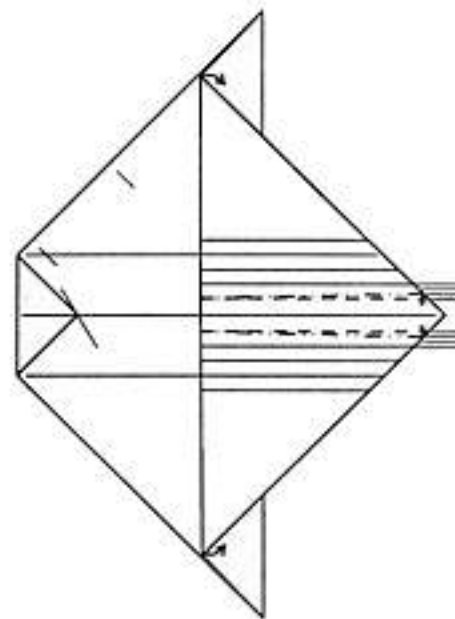
14. Make one more fold with the same spacing as the other five.



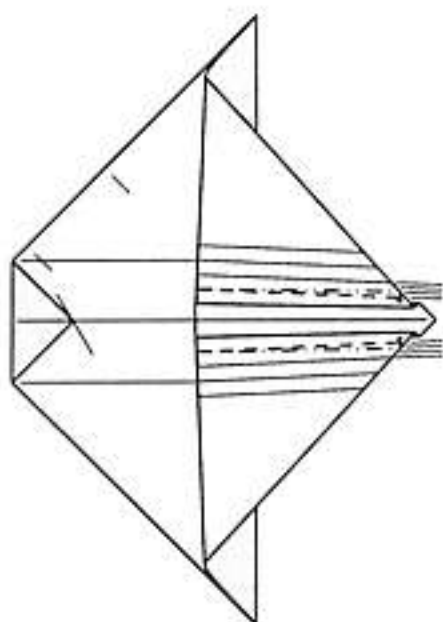
15. Repeat steps 11–14 on the top.



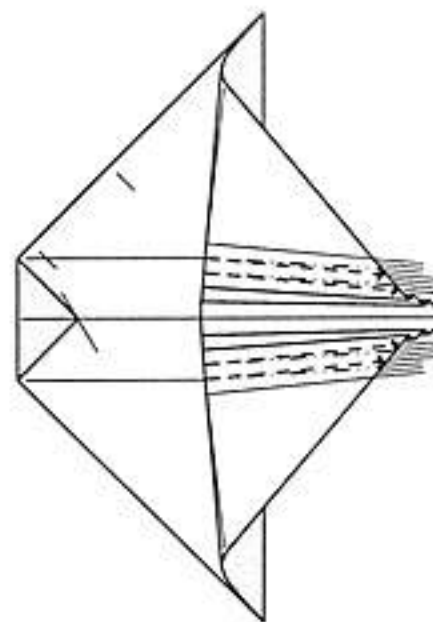
16. Redo the pleat you unfolded in step 10.



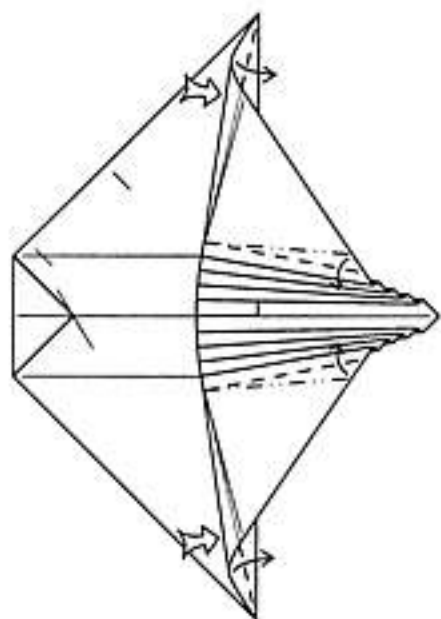
17. Form two long, skinny pleats using the existing creases for the valley folds; the top and bottom corners will not lie flat.



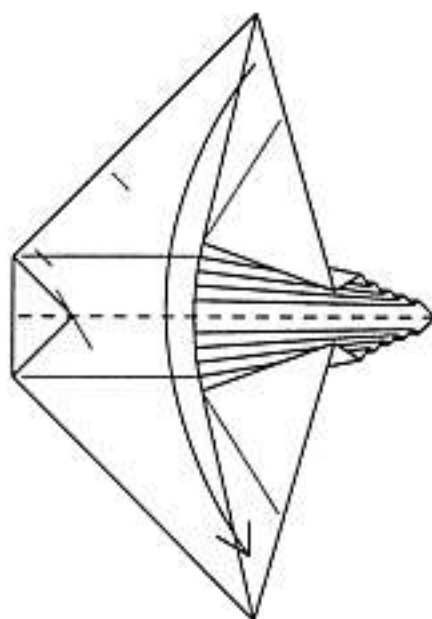
18. Form two more long, skinny pleats using the next pair of creases. The top and bottom corners become less flat.



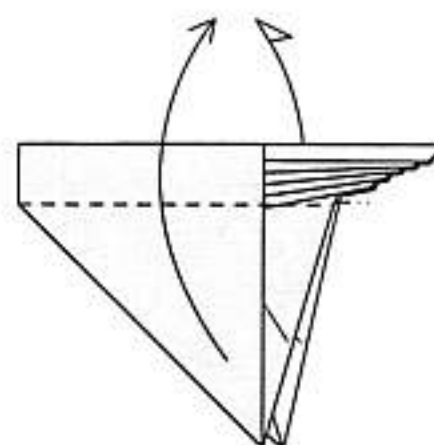
19. Form two more pairs of pleats in the same way.



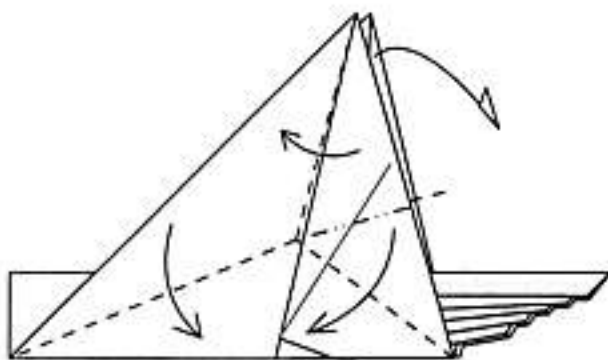
20. Make one more pair of pleats, but this time large enough to "use up" the rest of the excess paper near the corners. Flatten everything.



21. Fold the model in half.



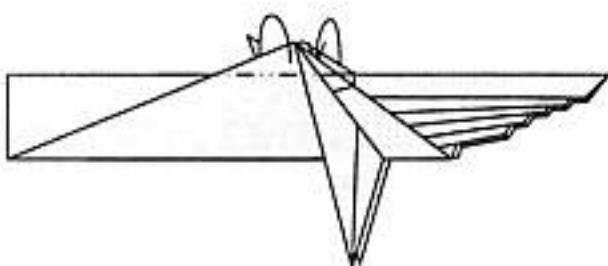
22. Fold two flaps up on existing creases.



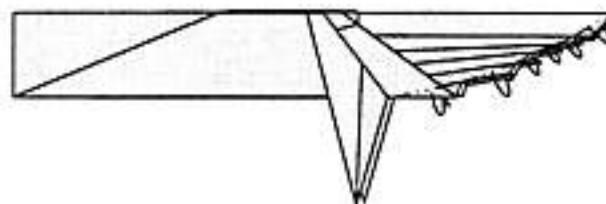
23. Fold a rabbit ear from the light-colored flap. Repeat behind.



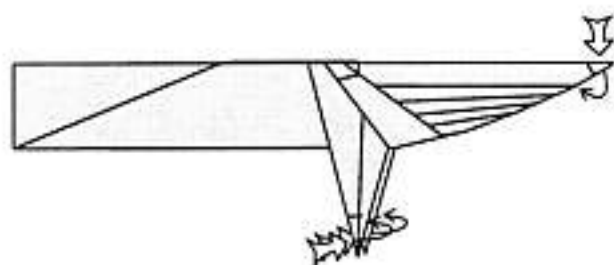
24. Fold down two flaps, one in front and one behind.



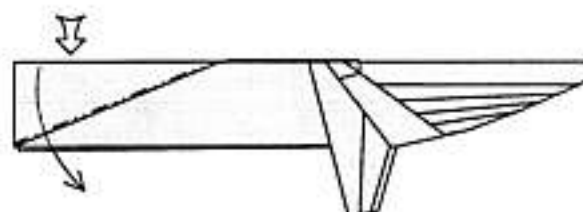
25. Fold the two corners inside so that the folded edge lines up with the top edge of the model.



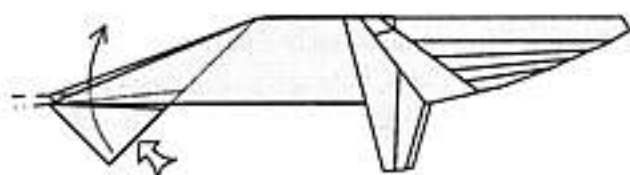
26. Fold the corners inside so that the bottom edge of the jaw describes a smooth curve.



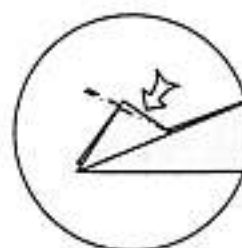
27. Reverse-fold three corners.



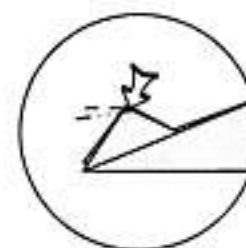
2816. Reverse-fold the top left corner along a crease that lines up with some folded edges.



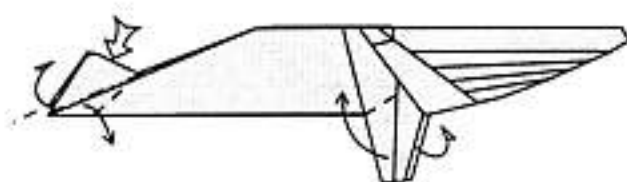
29. Reverse-fold the corner back upward. Note that the reverse fold is angled slightly above the horizontal edge.



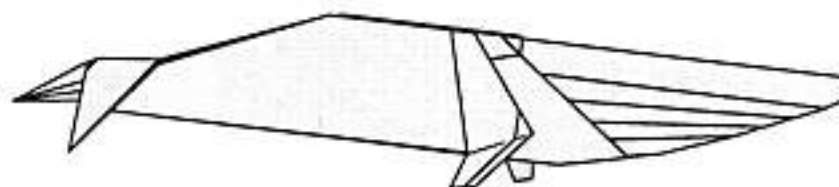
30. Reverse-fold a bit of the top edge of the flap.



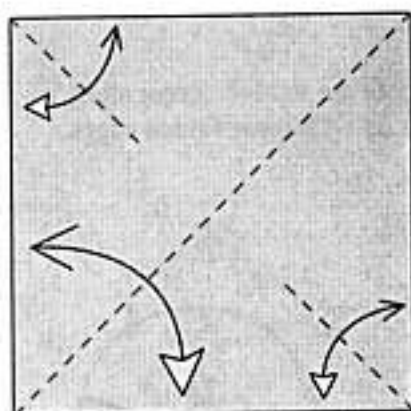
31. Reverse-fold the corners.



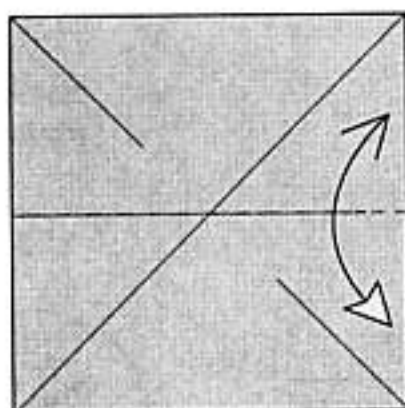
32. Squash-fold and spread the tail flukes out to the sides. Fold up the pectoral flukes.



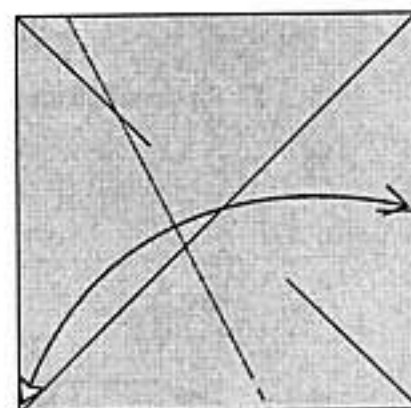
33. Finished Blue Whale.



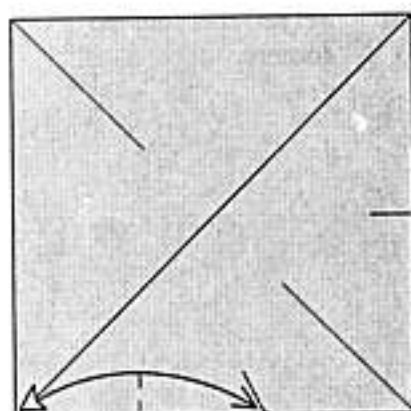
1. Begin with a square, color up. Fold and unfold all the way along one diagonal and only the outer thirds of the other.



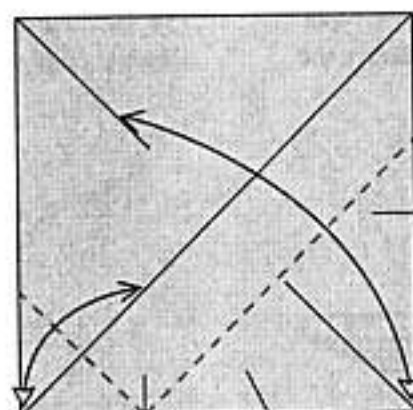
2. Fold and unfold, making a pinch halfway along the right edge.



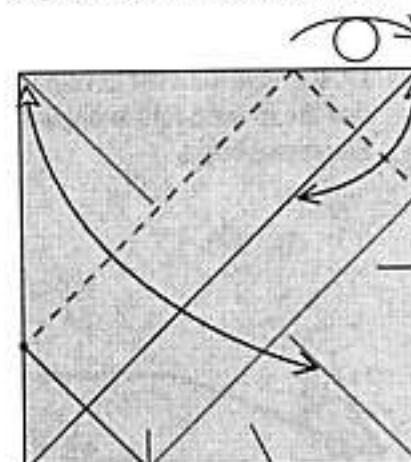
3. Fold the bottom left corner to the mark you just made and make a pinch along the bottom edge.



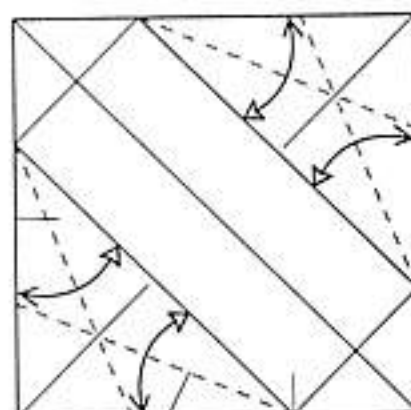
4. Fold the bottom left corner to the mark you just made and make a pinch along the bottom edge.



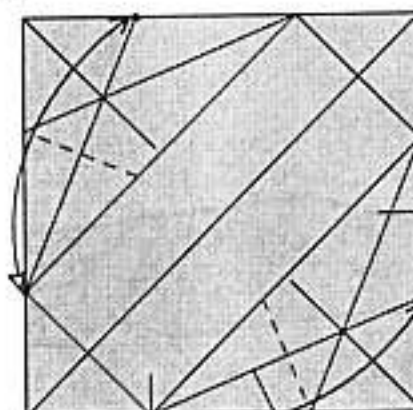
5. Fold and unfold two corners. Each corner touches a crease while the fold line goes through the mark you just made.



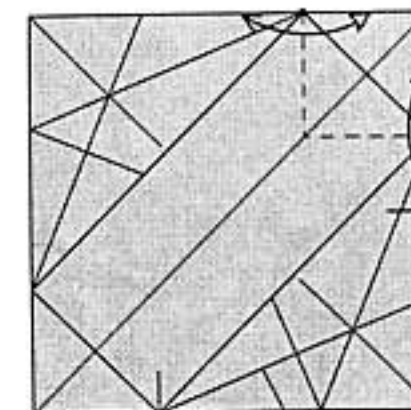
6. Add two more folds on the other two corners. Then turn the paper over.



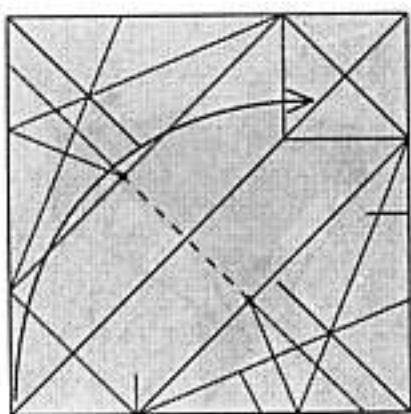
7. Fold and unfold along four angle bisectors. Turn the paper back over.



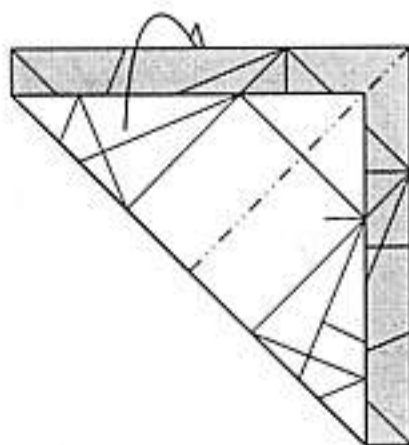
8. Fold and unfold.



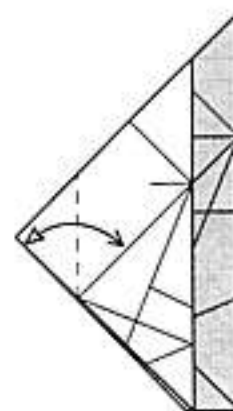
9. Fold and unfold.



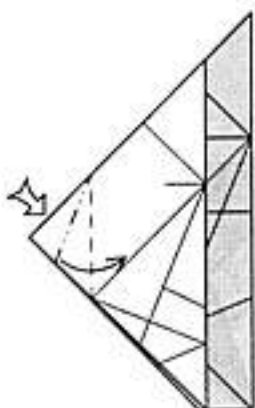
10. Fold the corner up, making the fold sharp only between the indicated crease intersections.



11. Mountain-fold the model in half.



12. Fold and unfold.



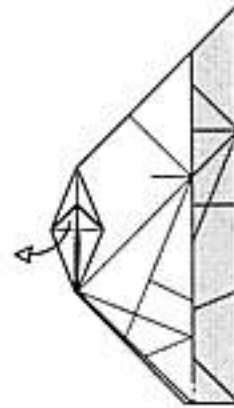
13. Squash-fold.



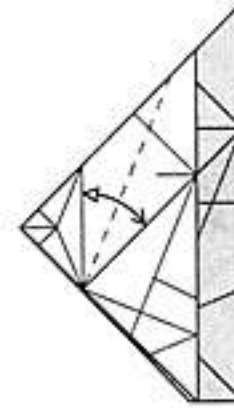
14. Petal-fold.



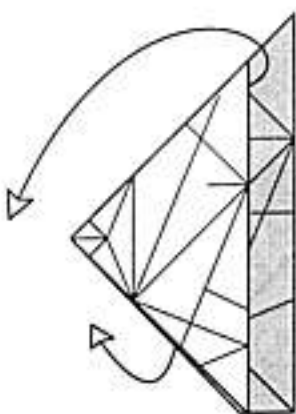
15. Fold and unfold.



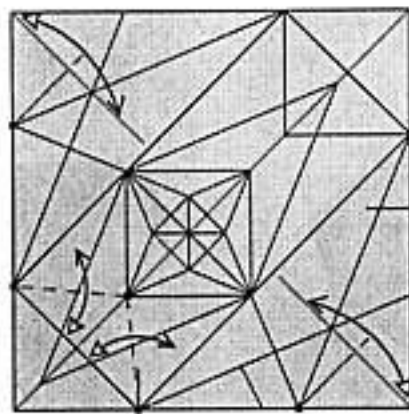
16. Unfold to step 12.



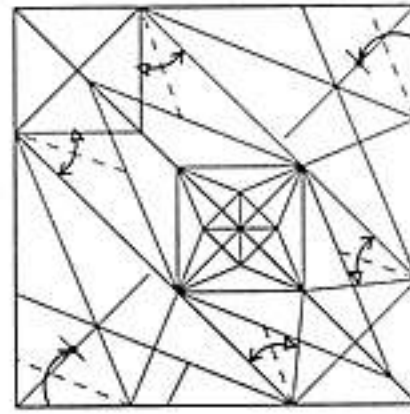
17. Fold and unfold.



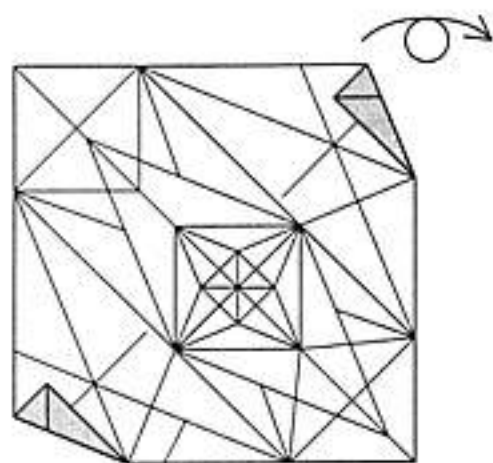
18. Unfold completely.



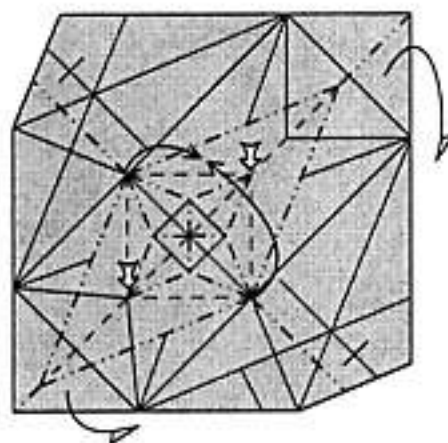
19. Fold and unfold. Turn the paper over.



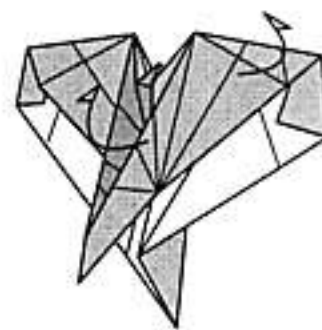
20. Crease four angle bisectors. Fold the two side corners in.



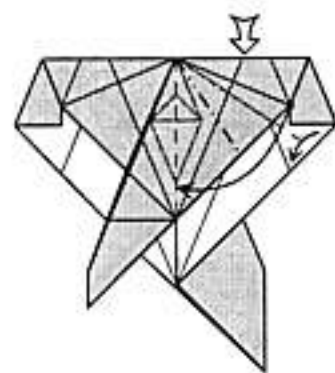
21. Turn the paper over.



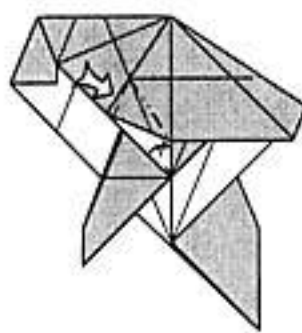
22. Collapse the paper on the creases shown.



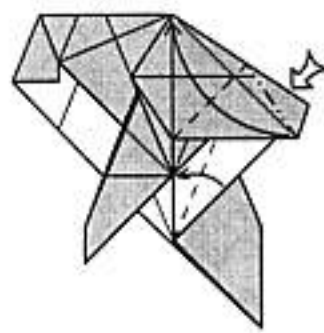
23. Spread the layers and flatten the paper.



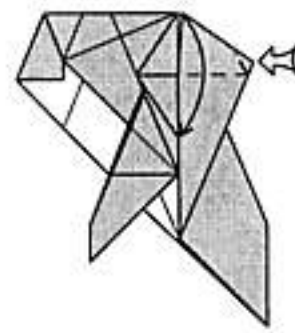
24. Squash-fold.



25. Reverse-fold the edge.



26. Squash-fold.



27. Fold the point down and spread-sink the corner.



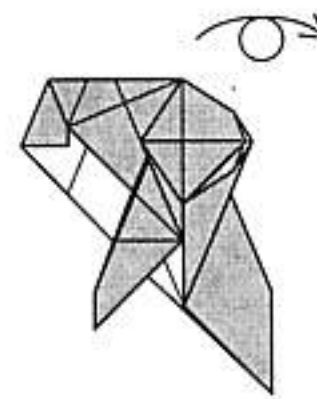
28. Reverse-fold the point upward.



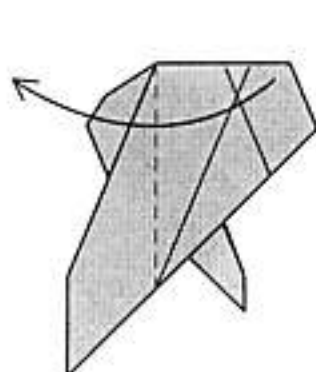
29. Bring some layers to the front.



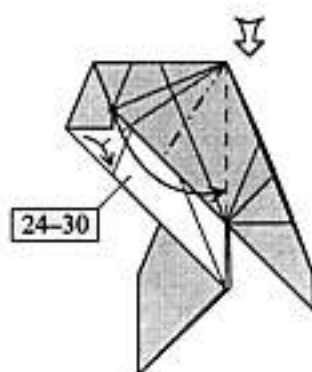
30. Fold the flap down.



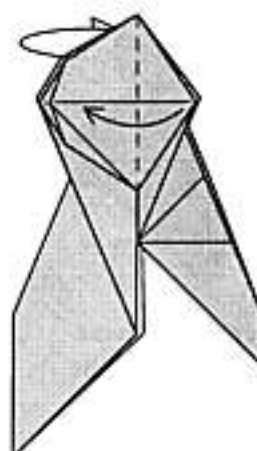
31. Turn the paper over.



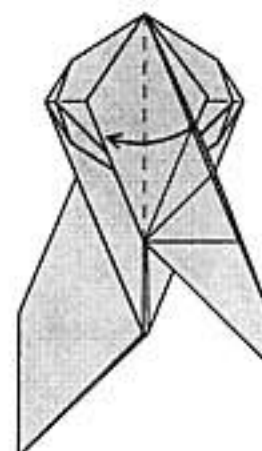
32. Fold a flap to the left.



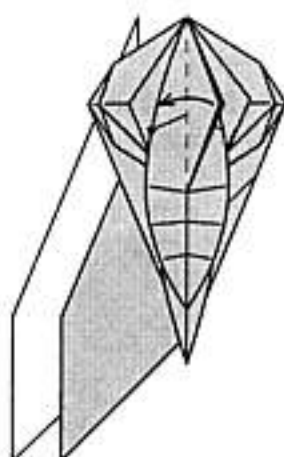
33. Repeat steps 24-30 on this side.



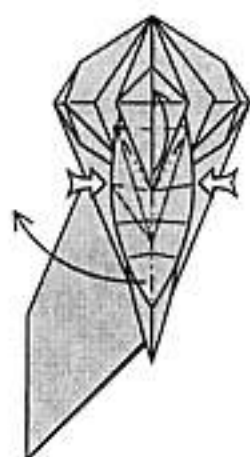
34. Fold one layer to the left in front and one to the right behind.



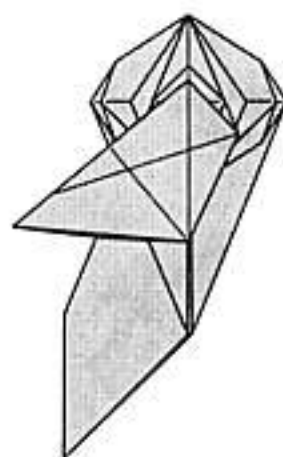
35. Open out the pocket. Watch the marked spot through the next few steps.



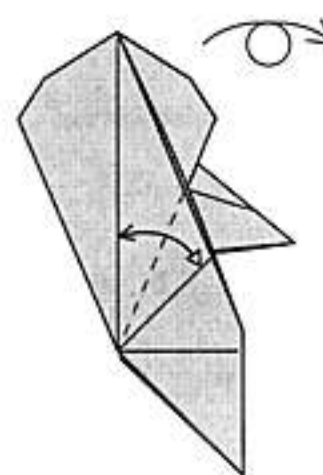
36. Spread the interior layers symmetrically.



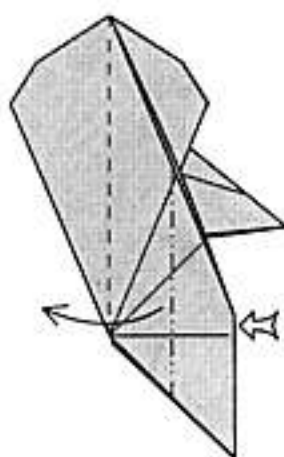
37. Pop the inner corner upward; squeeze the excess paper and swing it over to the left.



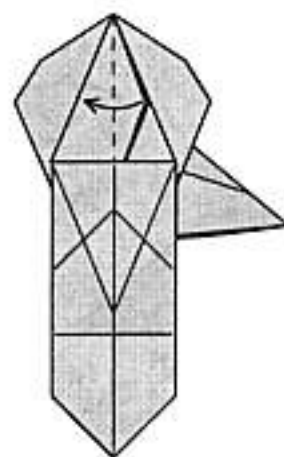
38. Turn the model over.



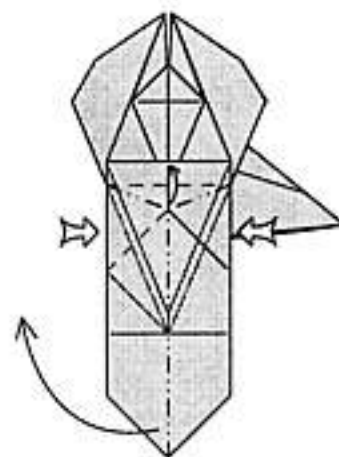
39. Fold and unfold.



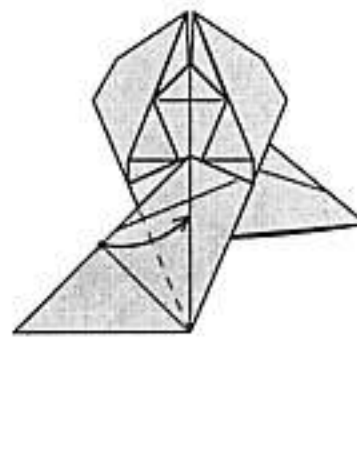
40. Spread-sink the flap symmetrically.



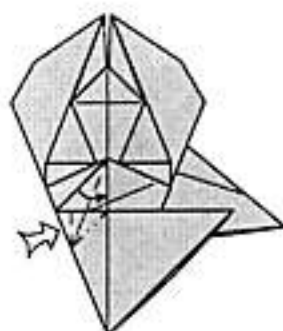
41. Spread the top layers symmetrically.



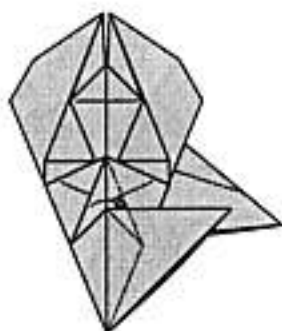
42. Squeeze the sides and the flap and swing the excess paper to the left.



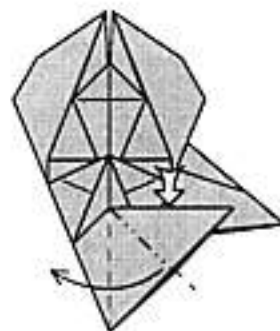
43. Fold the flap to the right.



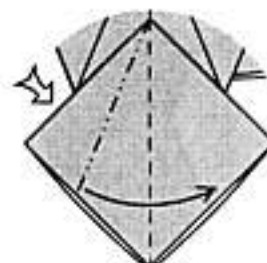
44. Reverse-fold the edge.



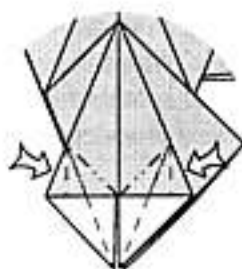
45. Pull out some paper, making the layers symmetric.



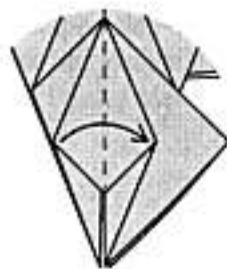
46. Squash-fold.



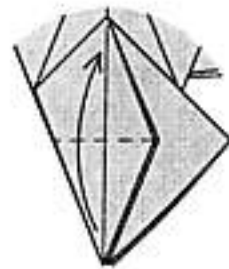
47. Squash-fold.



48. Reverse-fold the edges.



49. Fold one layer to the right.



50. Fold up one flap.



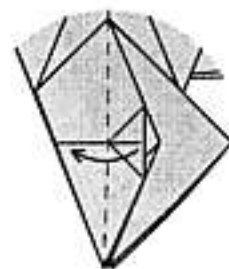
51. Spread-sink the corner.



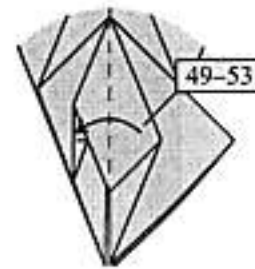
52. Fold the flap back to the right.



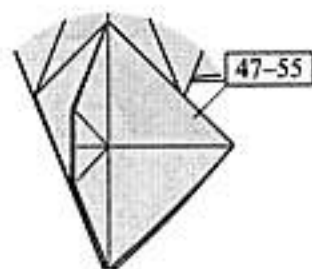
53. Fold the flap down, stretching out a pocket.



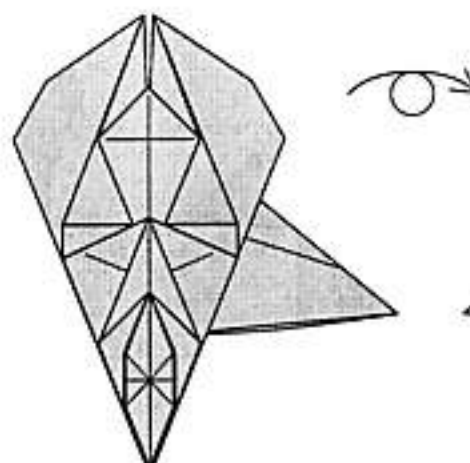
54. Fold the flap back to the left.



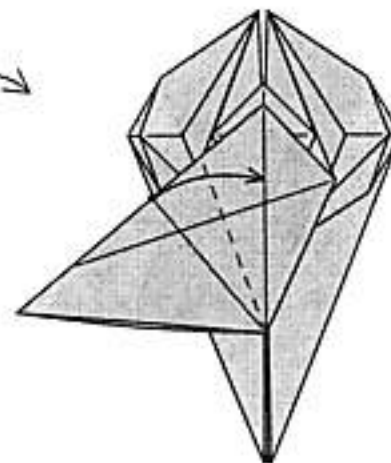
55. Repeat steps 49-53.



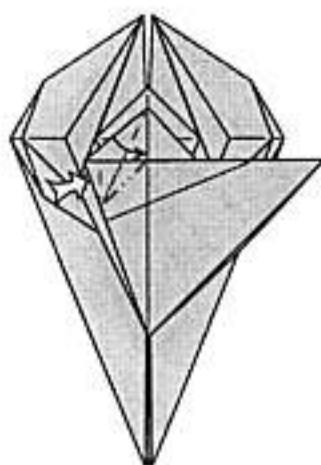
56. Repeat steps 47-55.



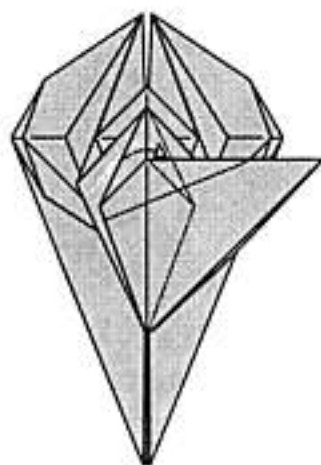
57. Turn the model over.



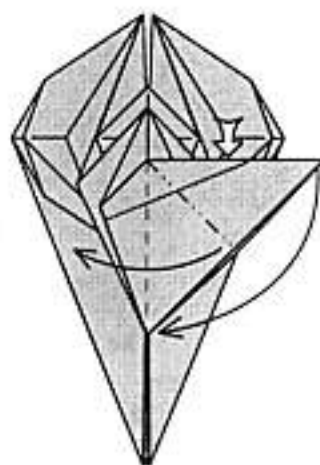
58. Fold the flap over to the right.



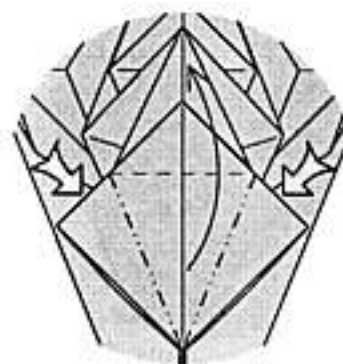
59. Reverse-fold the edge.



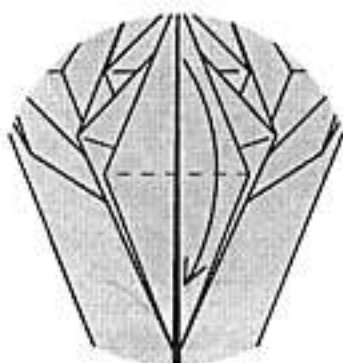
60. Pull out some paper to make the layers symmetric.



61. Squash-fold the flap.



62. Petal-fold the flap.



63. Fold the flap back down.



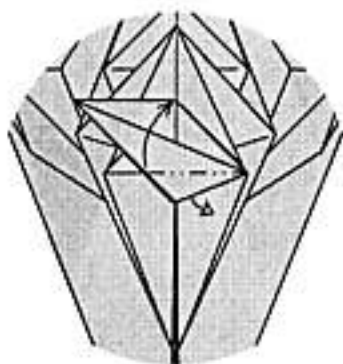
64. Fold the flap up.



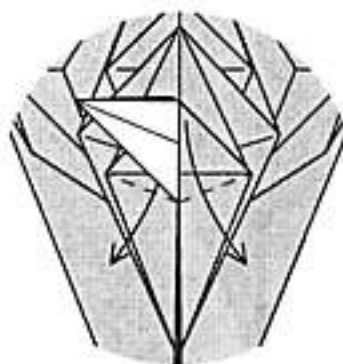
65. Release some paper.



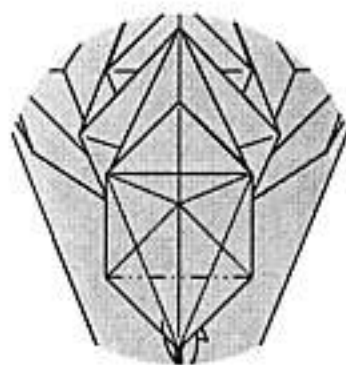
66. Squash-fold the flap over to the left.



67. Pull out some loose paper.



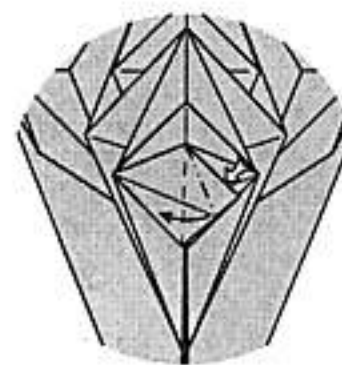
68. Open out the flap.



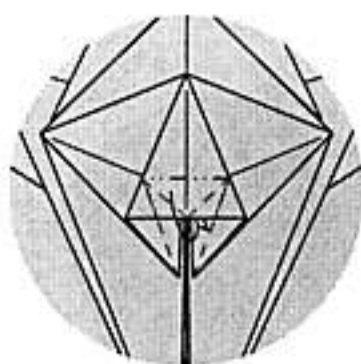
69. Fold the corner underneath.



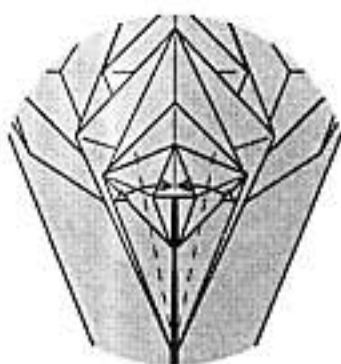
70. Bring the corners together.



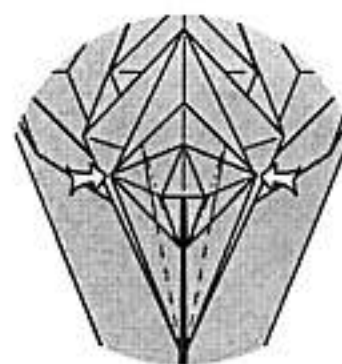
71. Squash-fold the edge.



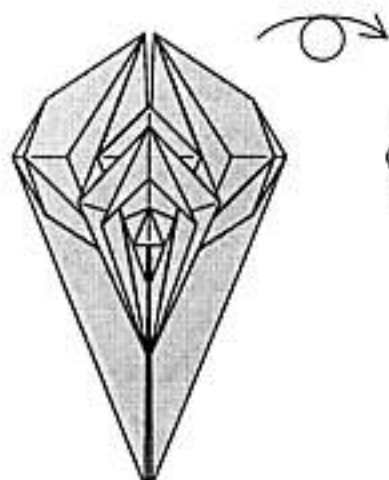
72. Inside petal-fold the edge.



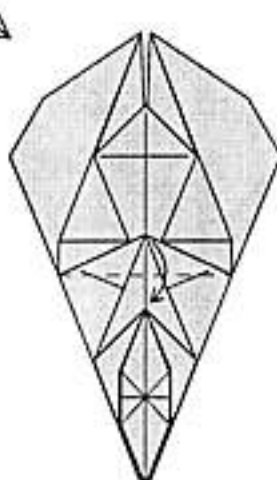
72. Fold and unfold.



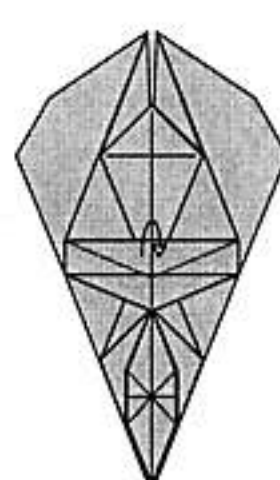
73. Sink the edges.



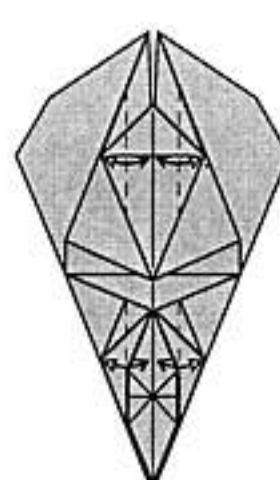
74. Turn the model over.



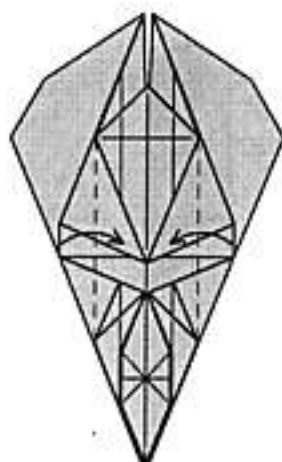
75. Fold down a point.



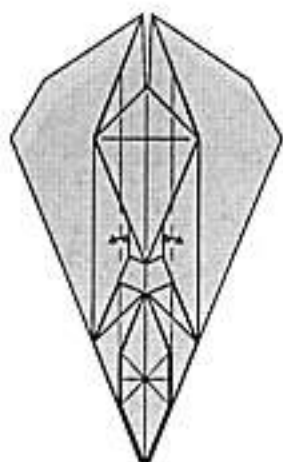
76. Bring a point to the front.



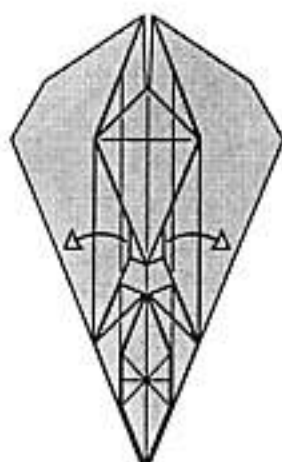
77. Fold and unfold.



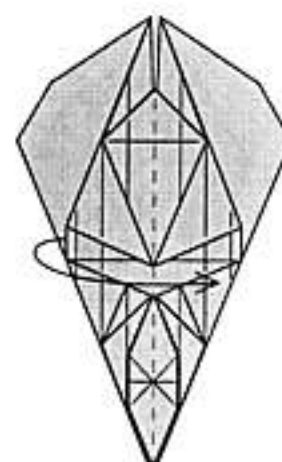
78. Fold the sides in.



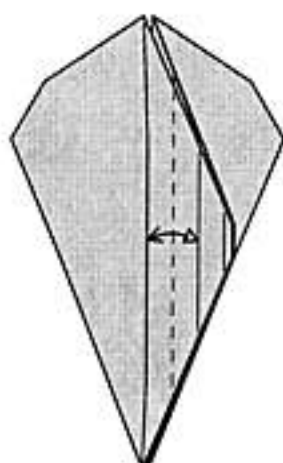
79. Fold and unfold along creases aligned with the ones you made in step 77.



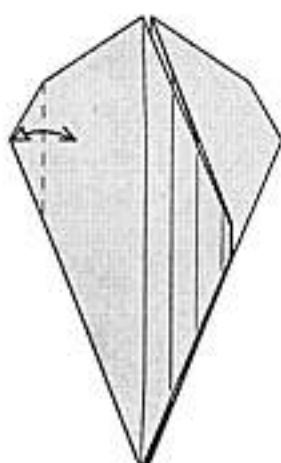
80. Unfold.



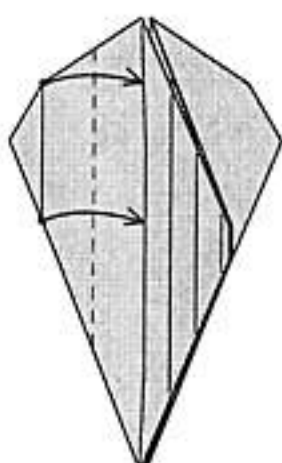
81. Fold a group of layers to the right.



82. Fold and unfold.



83. Fold and unfold.



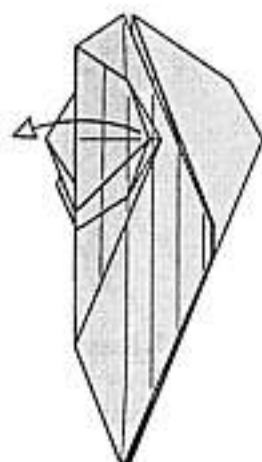
84. Bring the two points to the vertical crease.



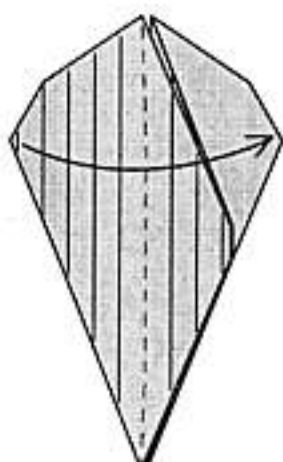
85. Fold and unfold.



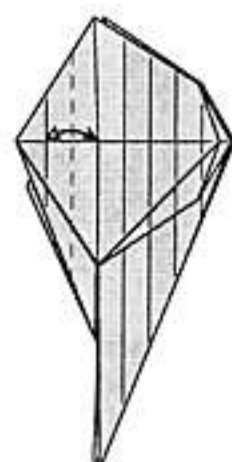
86. Fold and unfold.



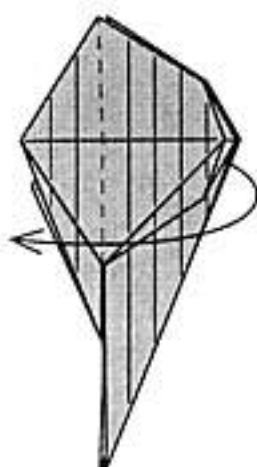
87. Unfold.



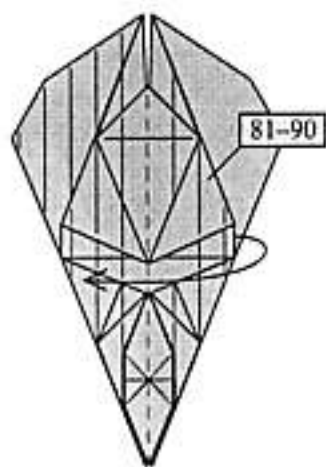
88. Fold one flap over to the right.



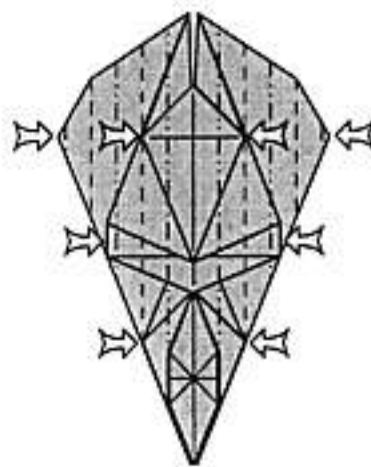
89. Crease through all layers.



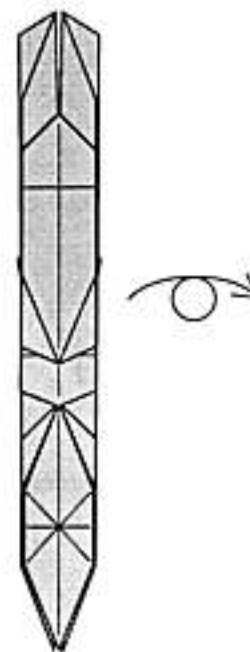
90. Open out the model to be symmetric again.



91. Repeat steps 81-90 on the right.



92. Open-sink every corner (eight on each side) in and out to the same depth.



93. Turn the paper over.



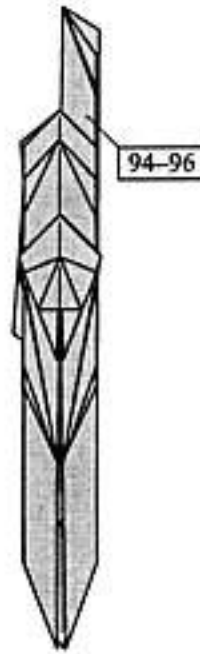
94. Fold some layers to the right.



95. Fold a thick flap down.



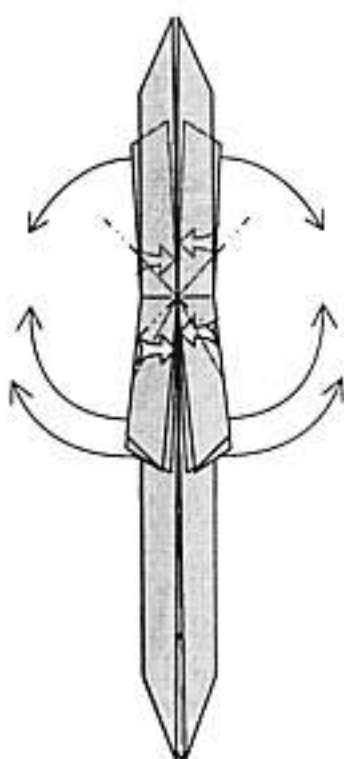
96. Close the model back up.



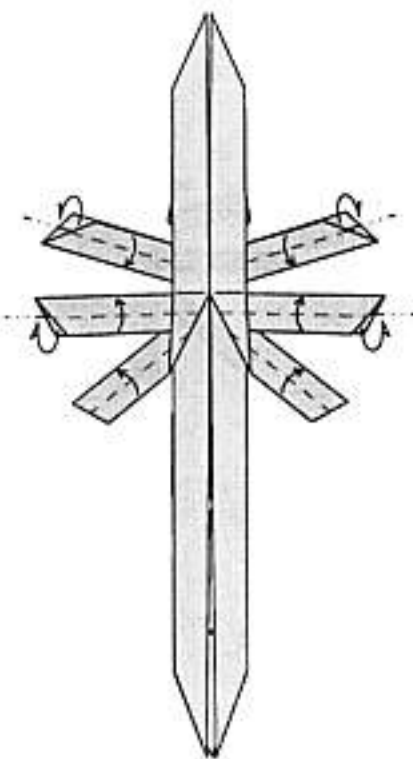
97. Repeat steps 94-96 on the right.



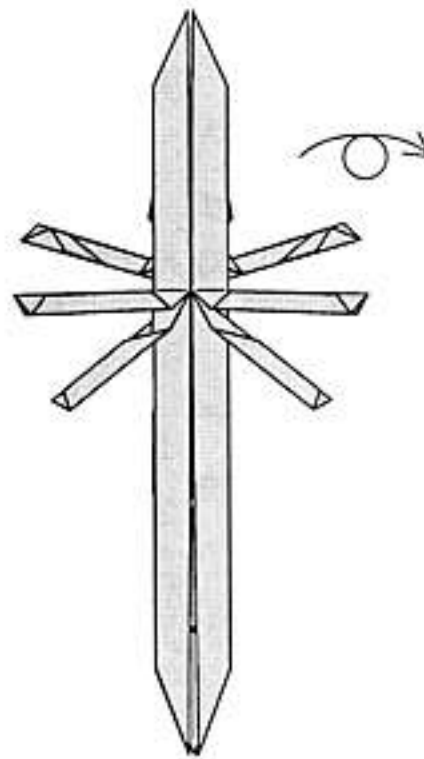
98. Flip the top small point down and fold a group of flaps up in front.



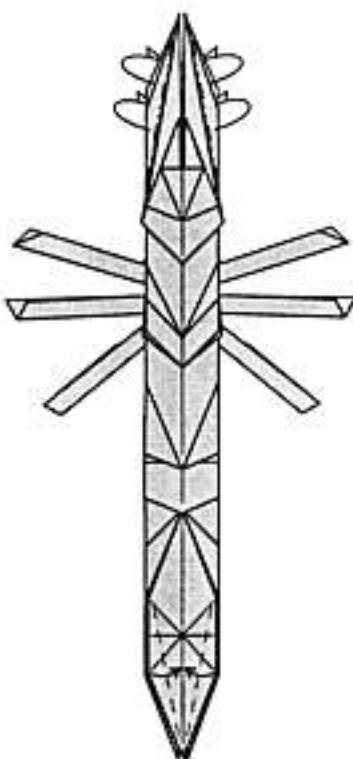
99. Reverse-fold the top four points out to the sides; mountain-fold the bottom pair out to the sides.



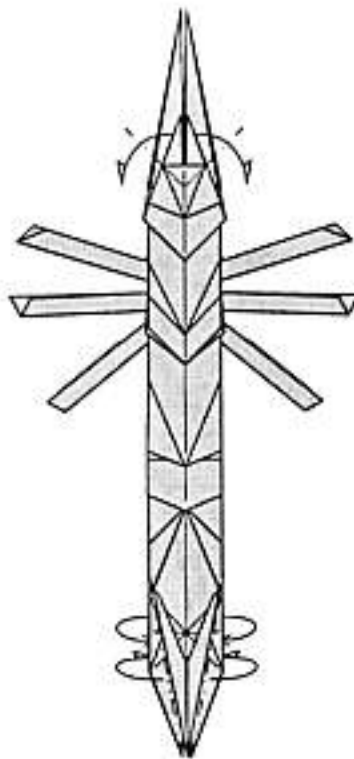
100. Narrow the legs with mountain and valley folds.



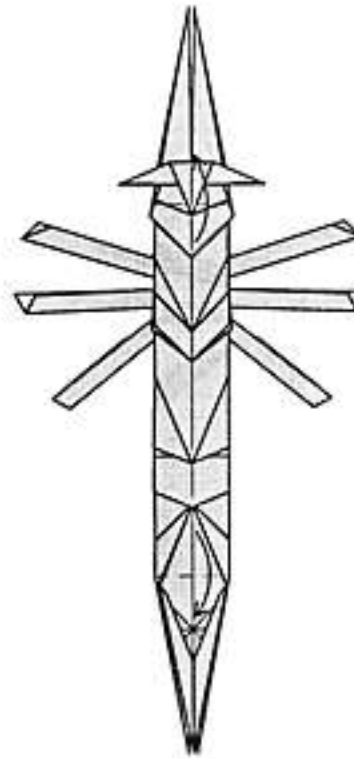
101. Turn the model over.



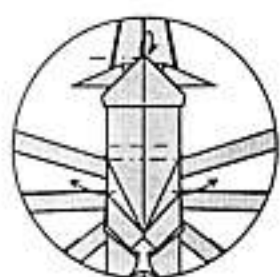
102. Narrow the antennae with mountain folds. Narrow the bottom point.



103. Fold two small points at the top out to the sides. Narrow two long points at the bottom.



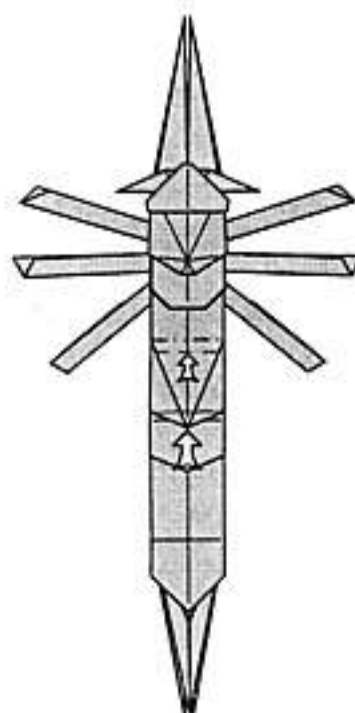
104. Fold a flap up at the top and a flap down at the bottom.



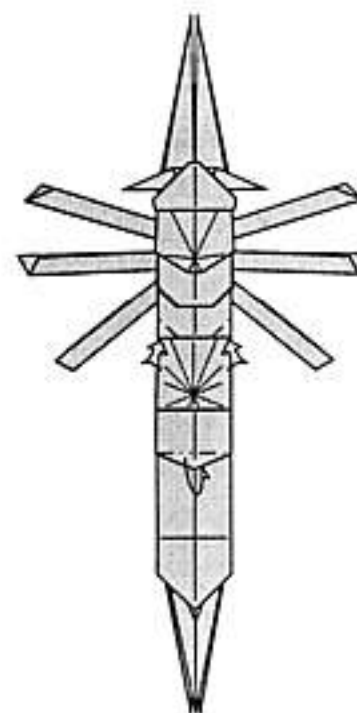
105. Spread-sink the point, pleating an upper layer to take up the slack.



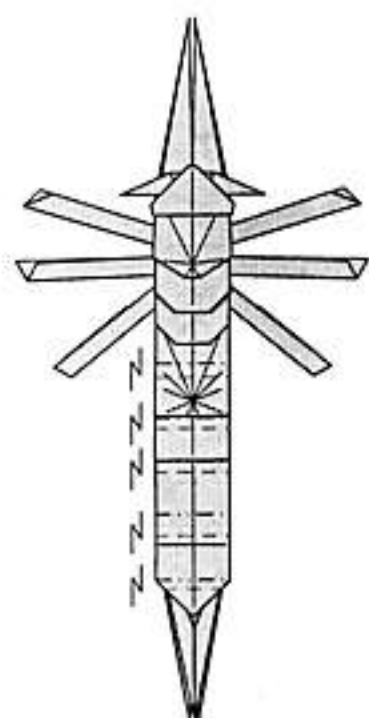
106. Pleat the head downward. Fold the tip of a flap underneath.



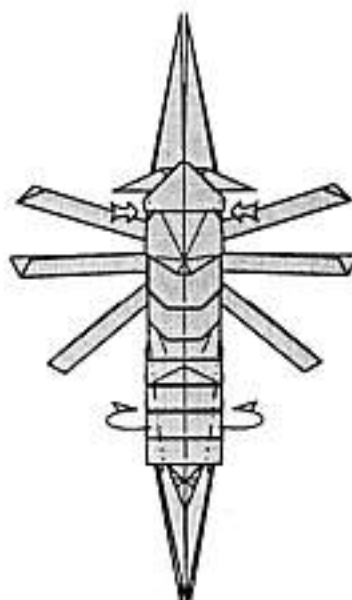
107. Flatten a point, pleating the upper layer.



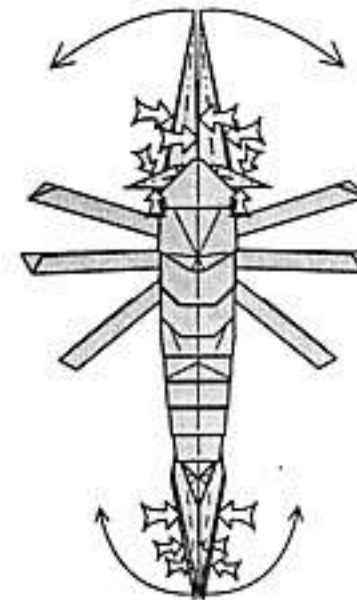
108. Sink two corners. Mountain-fold a flap underneath.



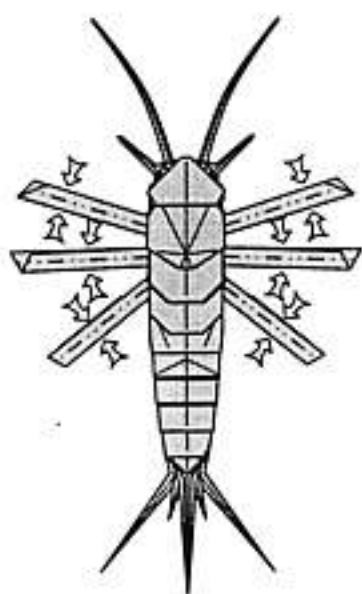
109. Pleat the body. Adjust the pleat widths so that the visible segments after pleating taper slightly in width toward the tail.



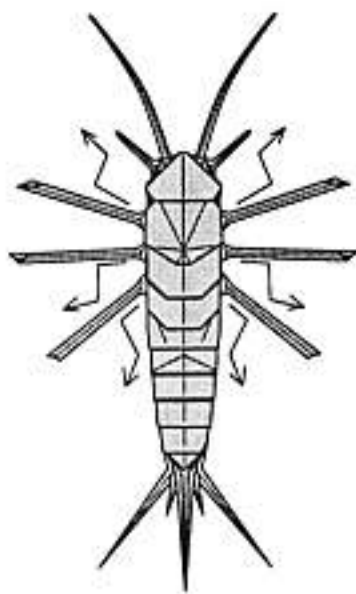
110. Round and taper the body. Dent the neck on each side.



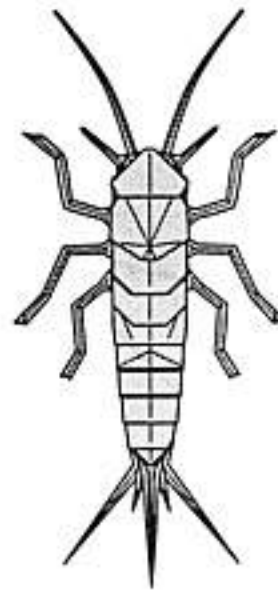
111. Thin and spread all the antennae and feelers: four at the top, five at the bottom.



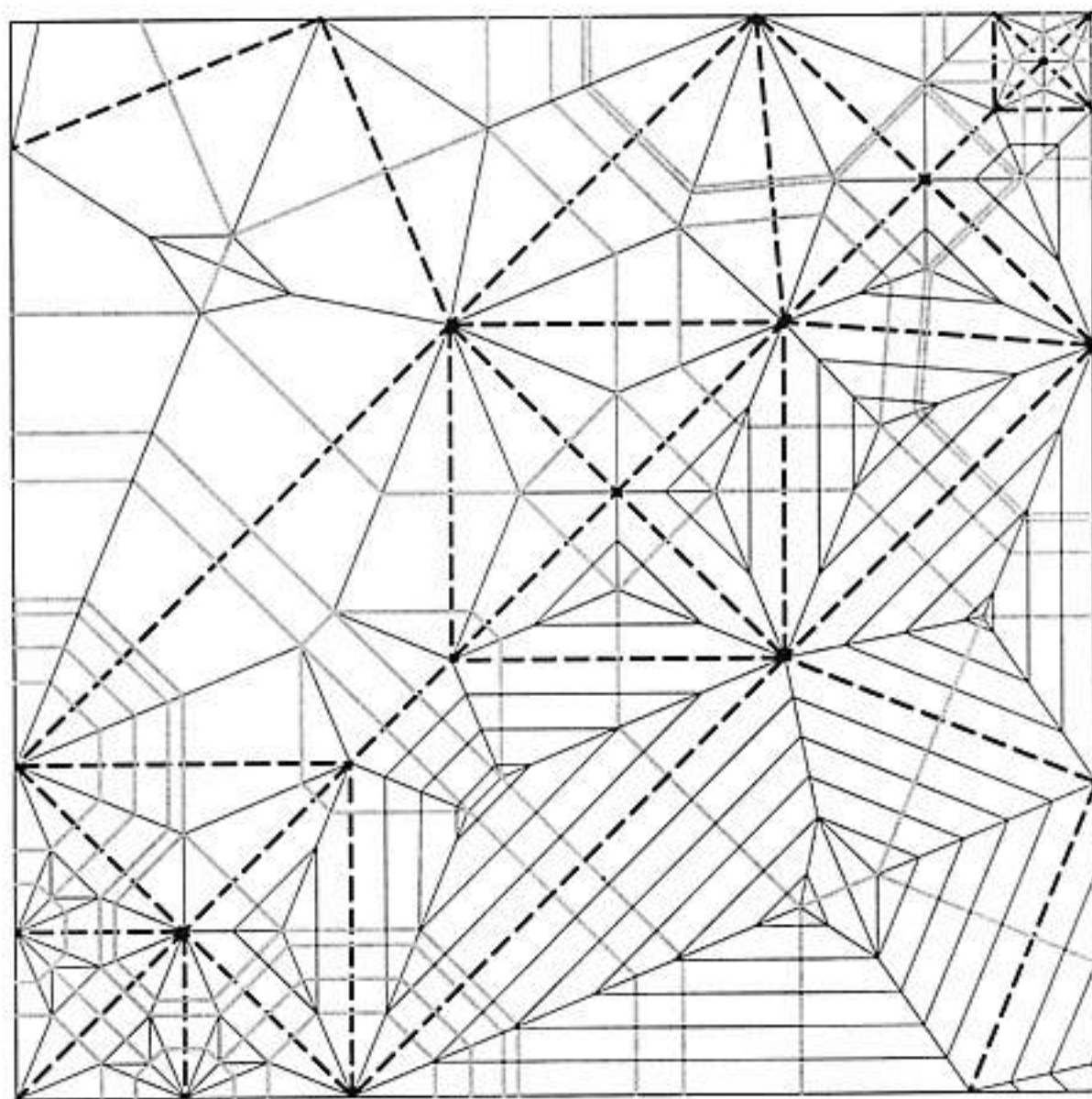
112. Pinch the legs to narrow them further.



113. Shape the legs.



114. Finished Silverfish.

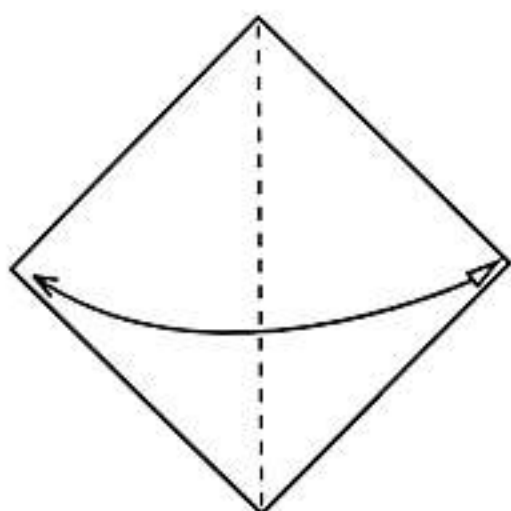


KOALA ON A BRANCH

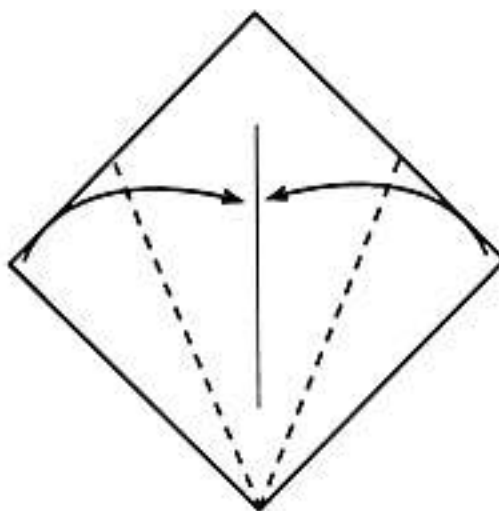
Complex

Gareth Louis

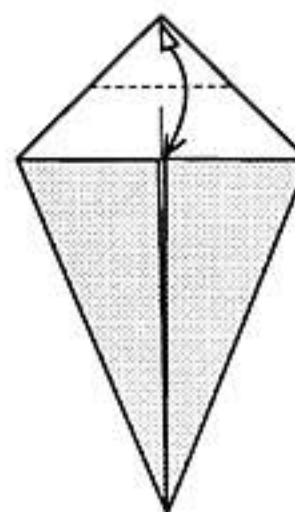
©2003 - Australia



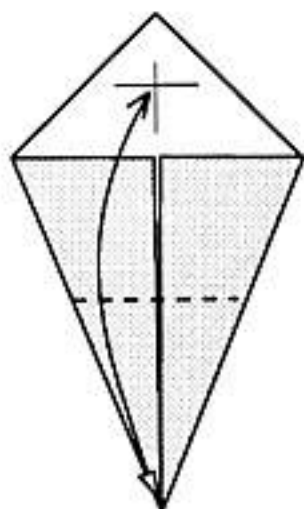
1. Precrease



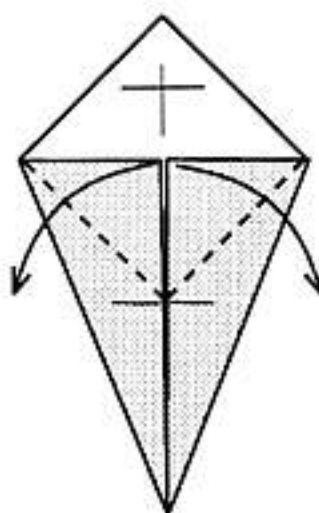
2. Valley fold edges to centre



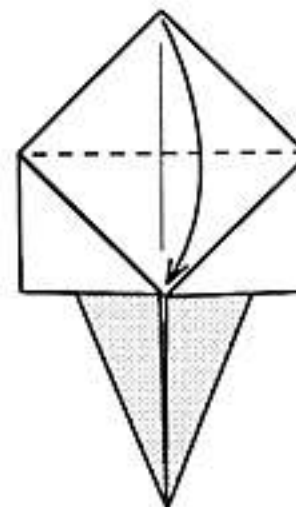
3. Precrease



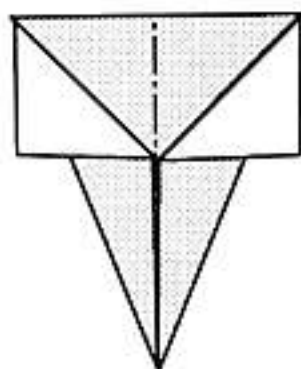
4. Valley fold/unfold to previous crease.



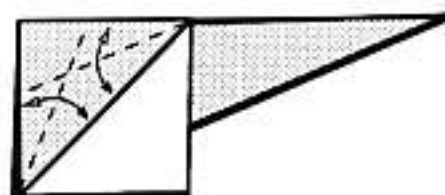
5. Valley fold out flaps.



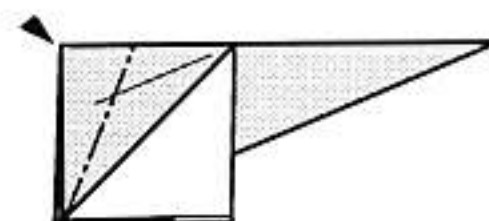
6. Fold to the indicated intersection.



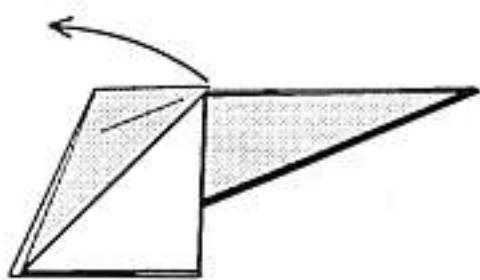
7. Mountain fold in half. Rotate 90 degrees.



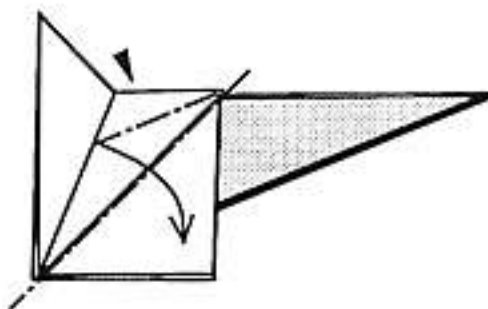
8. Precrease.



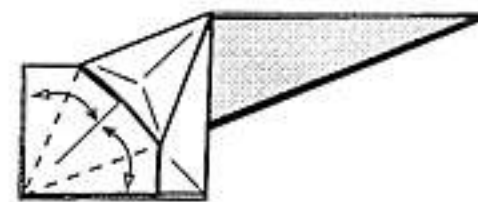
9. Reverse inwards.



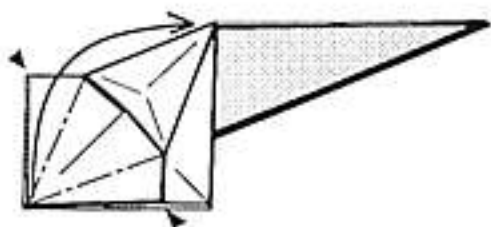
10. Pull out the trapped flap outwards.



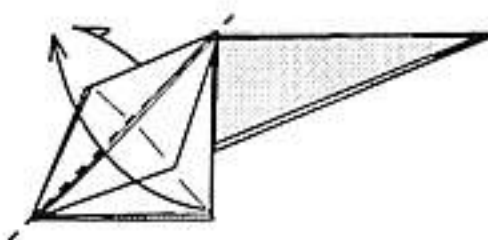
11. Valley fold down while incorporating a spread squash.



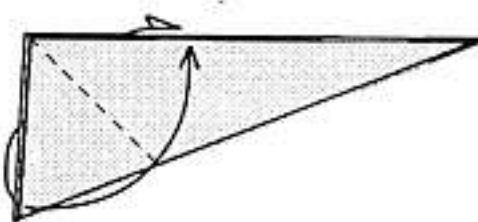
12. Precrease



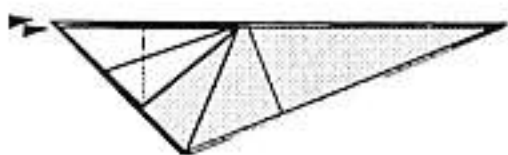
13. Petal fold up.



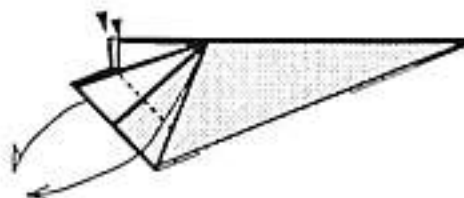
14. Fold bottom flaps up.



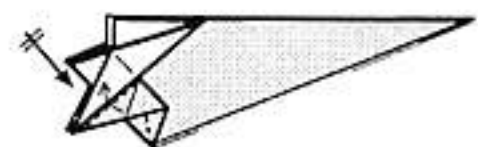
15. Valley fold upwards



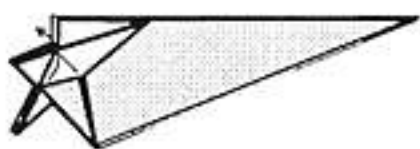
16. Reverse fold two points in.



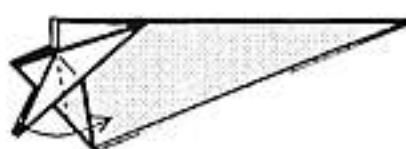
17. Petal fold two flaps downwards



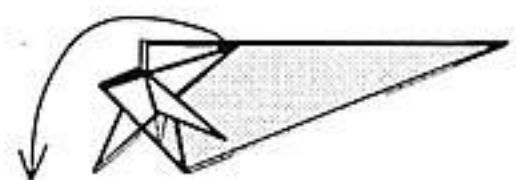
18. Swivel to the side. Repeat behind



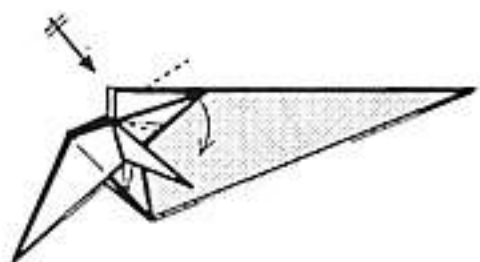
19. Bring bottom layer to the top. Repeat behind.



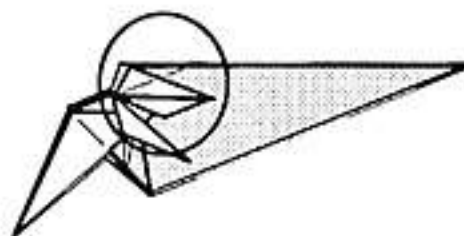
20. Valley fold. Do not repeat behind.



21. Reverse fold the hidden point outwards



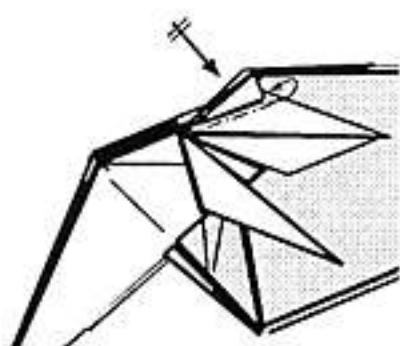
22. Swivel downwards. Repeat behind.



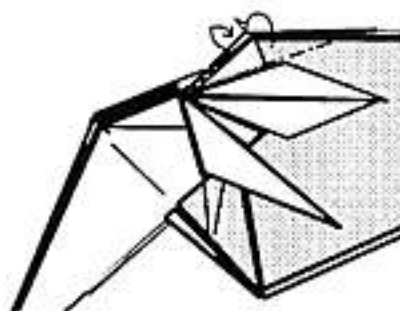
23 Close up.



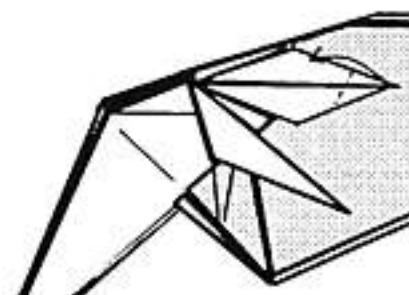
24. Valley fold along angle bisector. Repeat behind



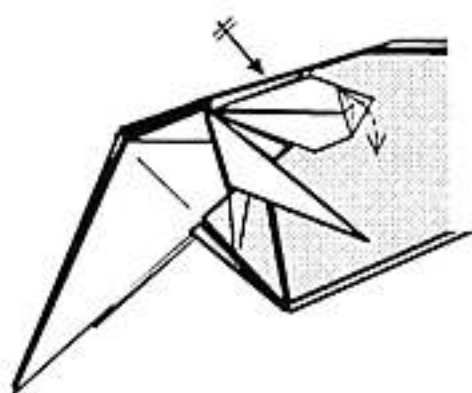
25. Mountain fold beneath.
Repeat behind.



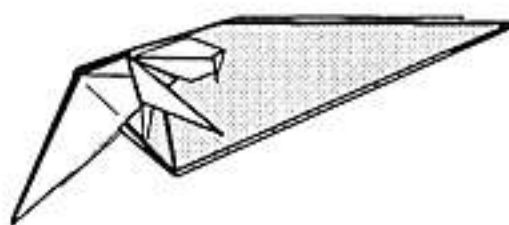
26. Mountain fold two
tips behind.



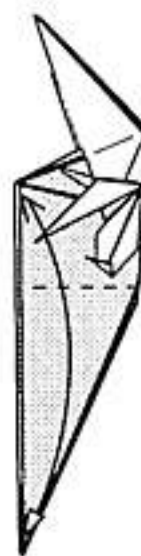
27. Valey



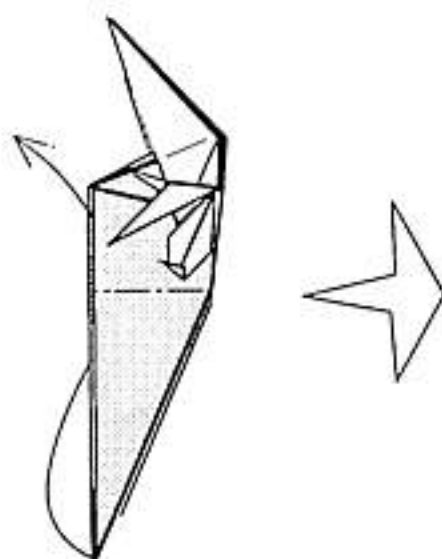
28. Rabbit ear to form foot.
Repeat behind.



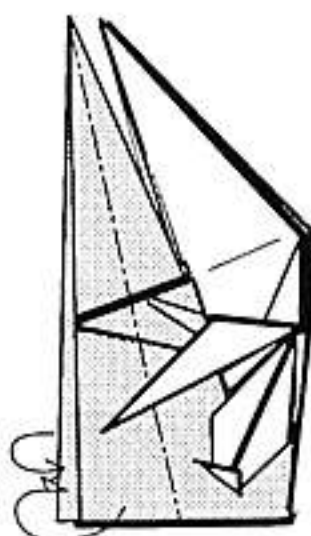
29. Rotate to match the
orientation in the next
diagram.



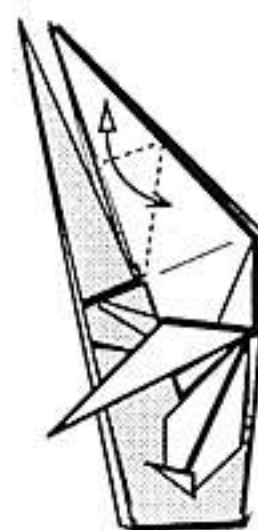
30. Precrease. Note the tip
of the white flap as a guide.



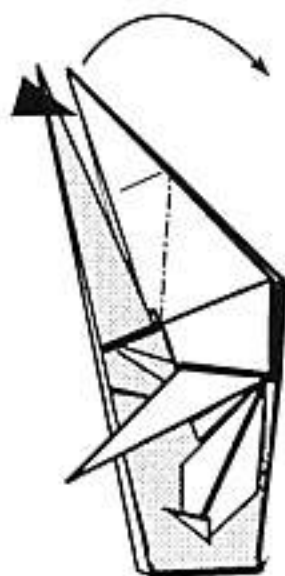
31. Inside reverse fold.



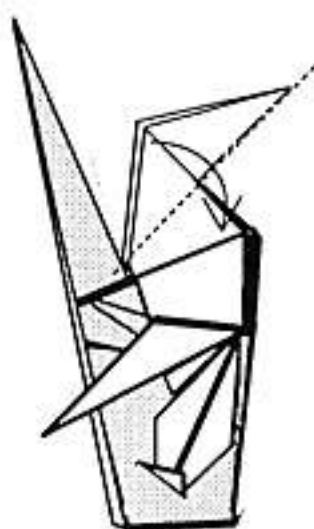
32. Thin the coloured
segment.



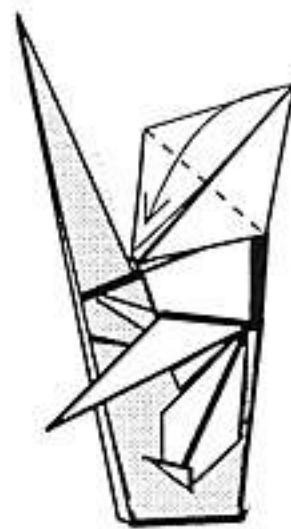
33. Precrease two sides
flat.



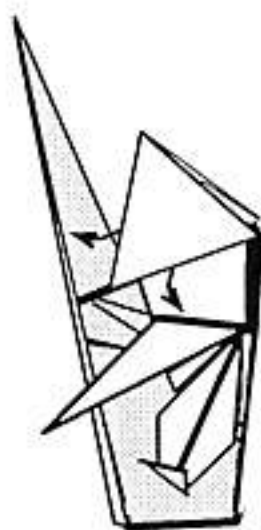
34. Inside reverse fold



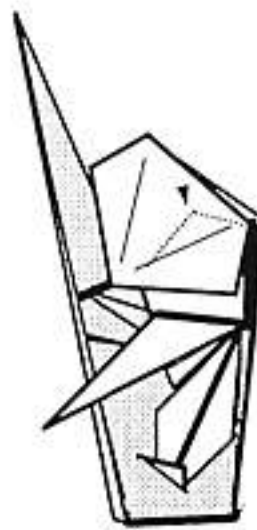
35. Valley down.



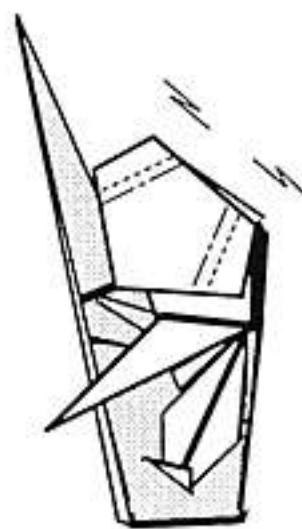
36. Valley



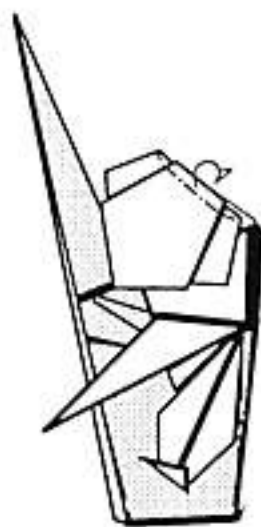
37. Pull out hidden layers.



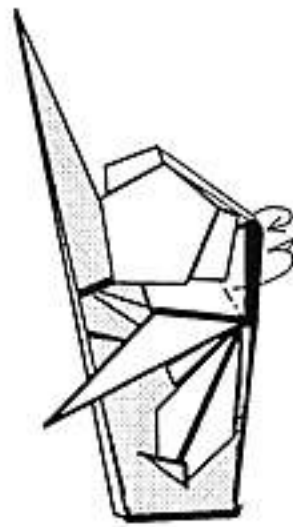
38. Reverse fold hidden section.



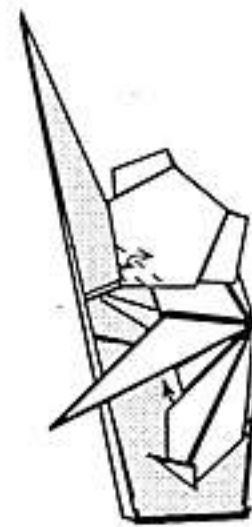
39. Pleat ears.



40. Fold behind. Note:
This will also swivel
two sides automatically.



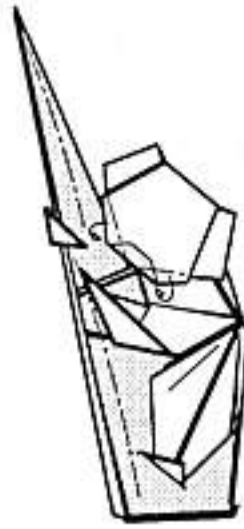
41. Thin the back.



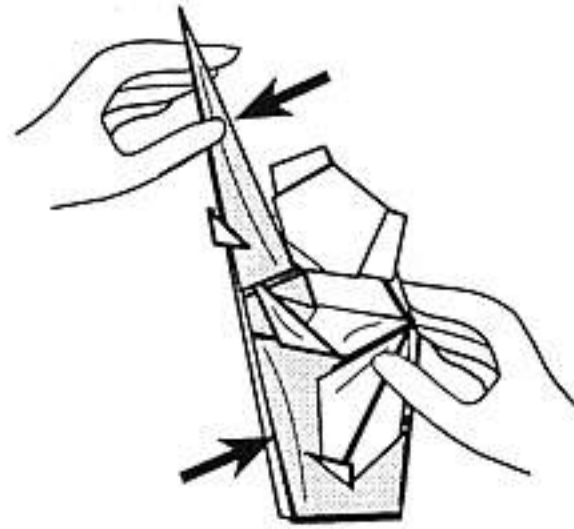
42. Fold up twice to form
the nose. Pull out some
material from the feet.
Repeat behind.



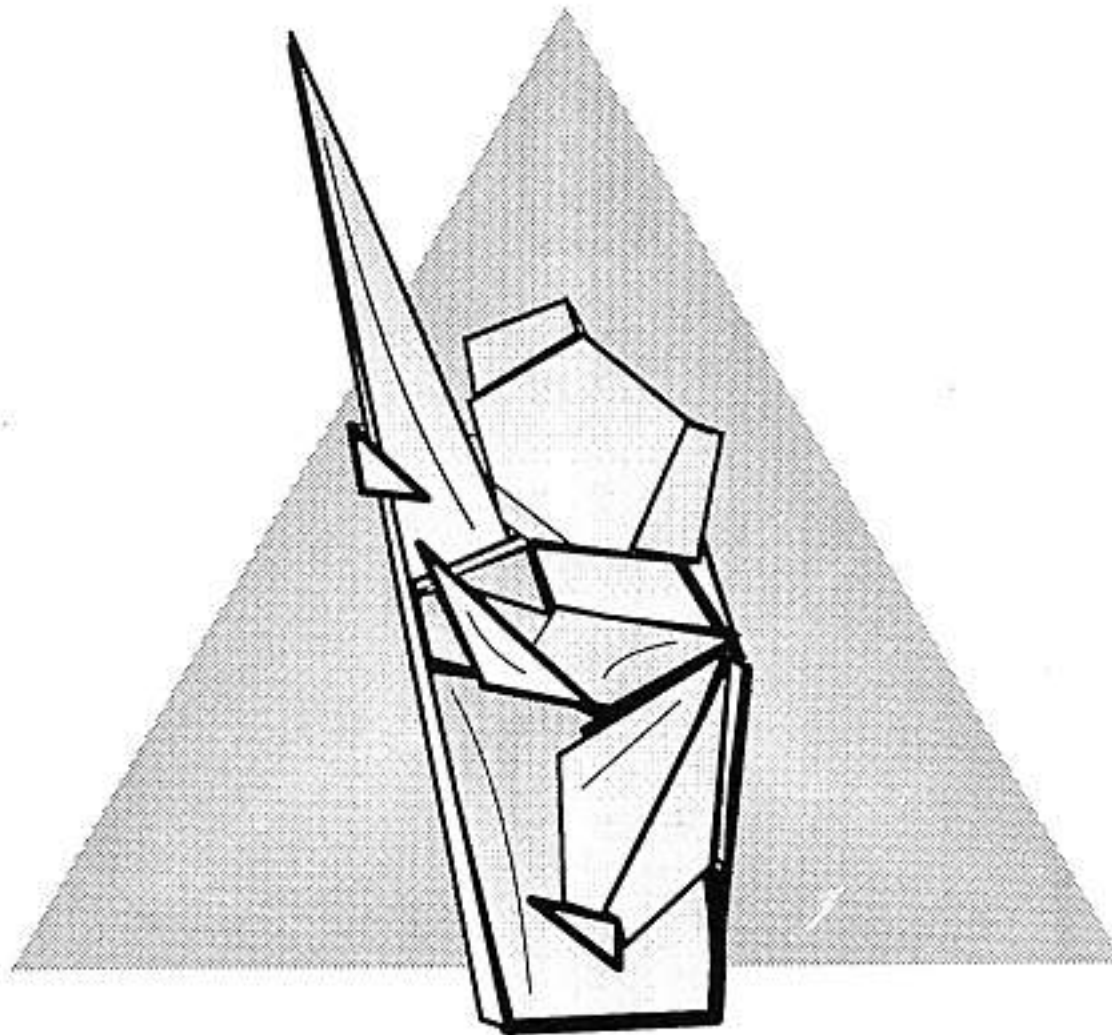
43. Fold the front arm to the top. Wrap the back arm to the front.



44. Narrow the face.



45. Add some final shapping to the brach and body as necessary.



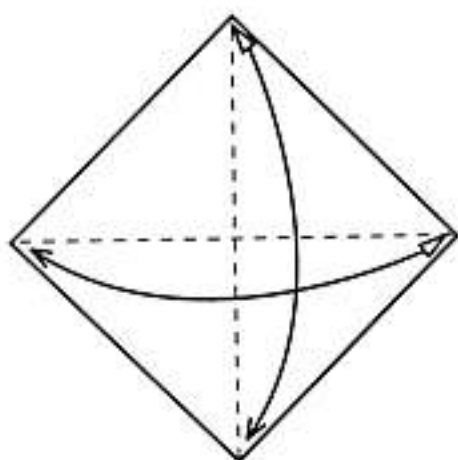
46. Completed Koala on a Branch.

MONOPLANE (VERSION 2)

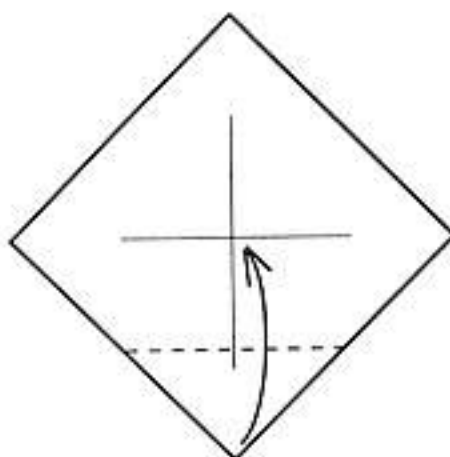
Complex

Gareth Louis

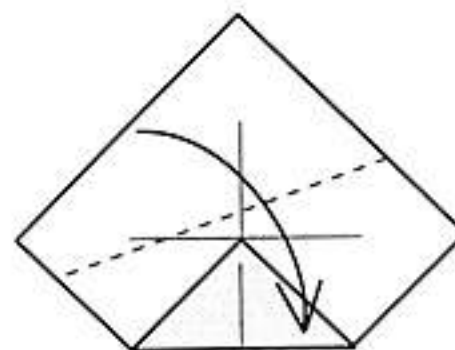
©2004 - Australia



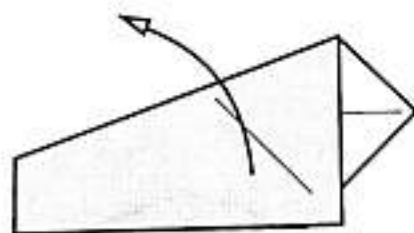
1. White side up. Precrease.



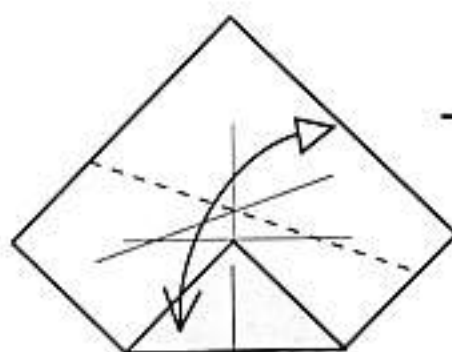
2. Valley fold edge to centre



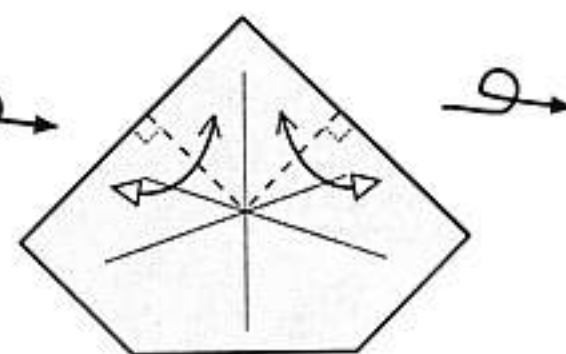
3. Valley fold down. Note that the top raw edge meets the bottom edge.



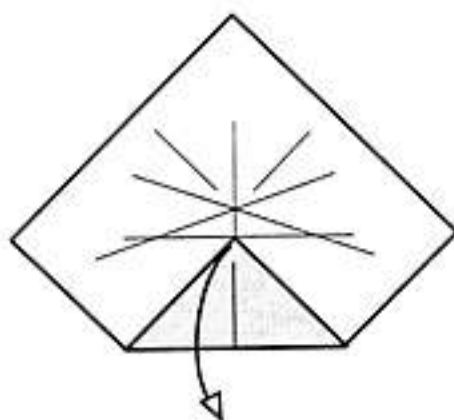
4. Unfold Back



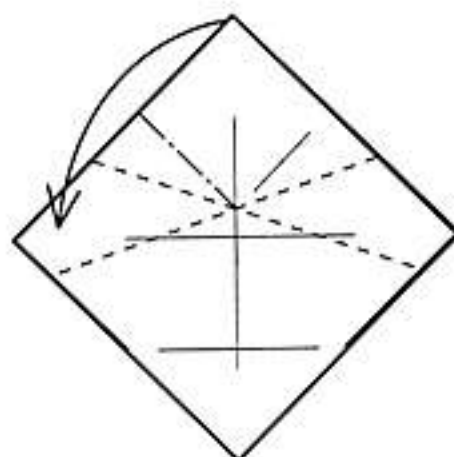
5. Repeat steps 3-4 on the other side. Turn over.



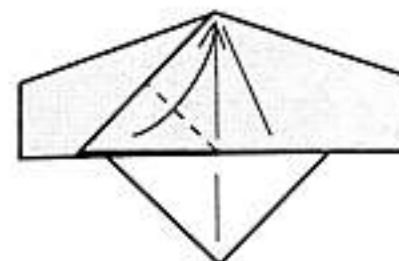
6. Precrease. Turn over



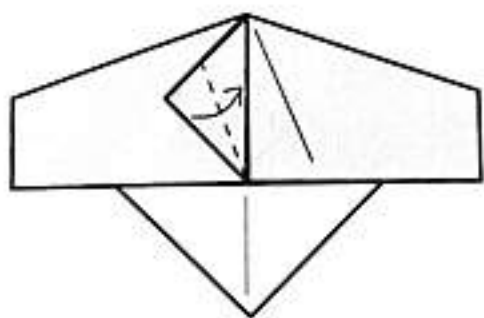
7. Unfold.



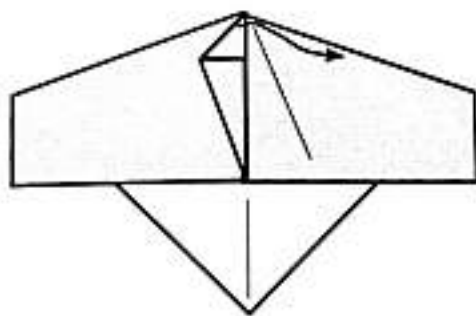
8. Rabbit ear to match existing creases.



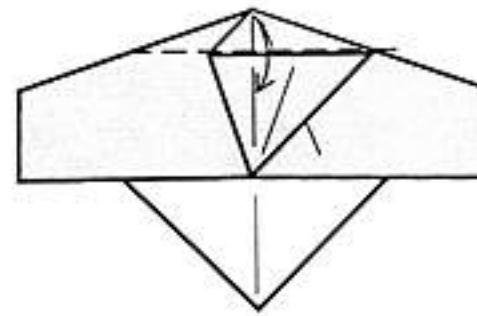
9. Valley upwards. The next drawing is larger.



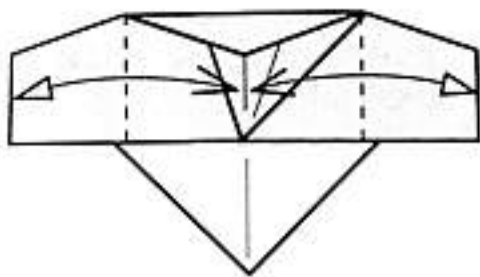
10. Valley along angle bisector.



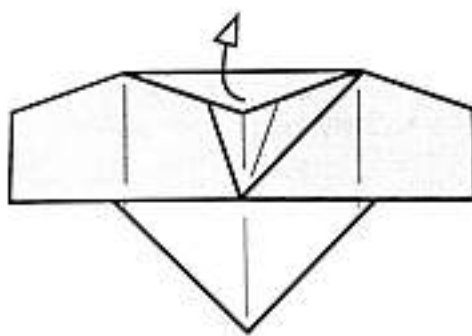
11. Pull down the top flap as far as it will go.



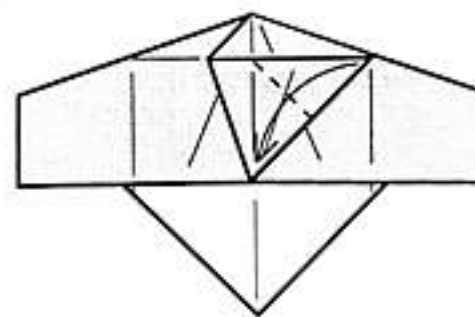
12. Valley down to match the alignment of the flap.



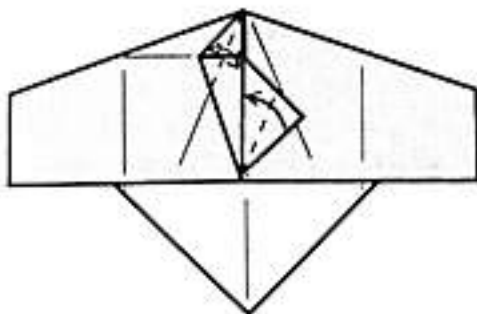
13. Precrease. Note the intersection at the top sides.



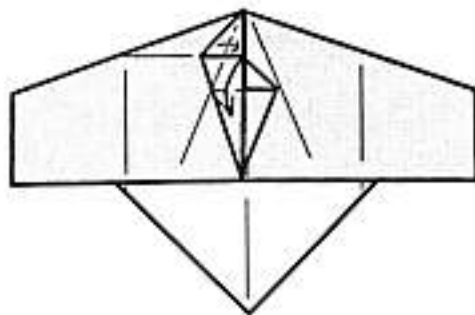
14. Unfold.



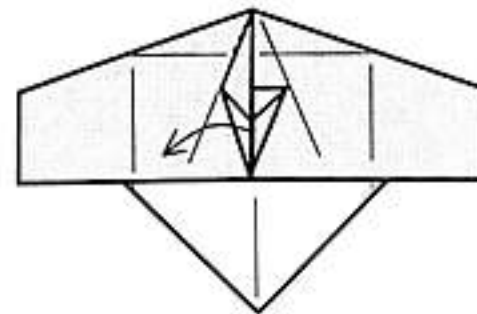
15. Valley downwards.



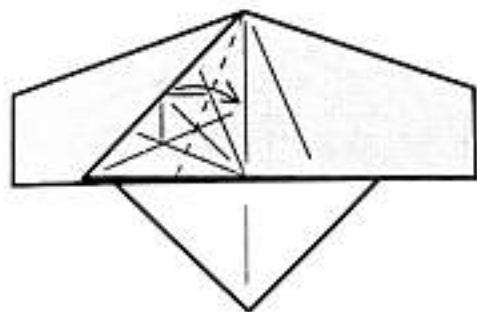
16. Precrease the left side. Valley fold the right side along angle bisectors.



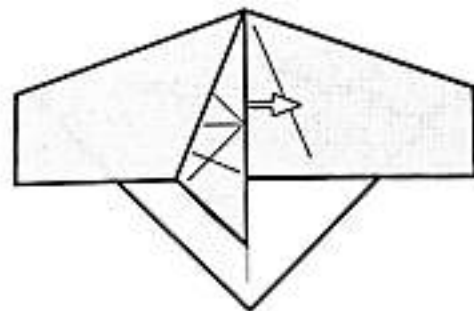
17. Petal fold down.



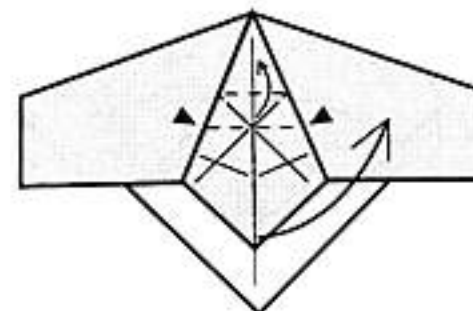
18. Unfold to step 9.



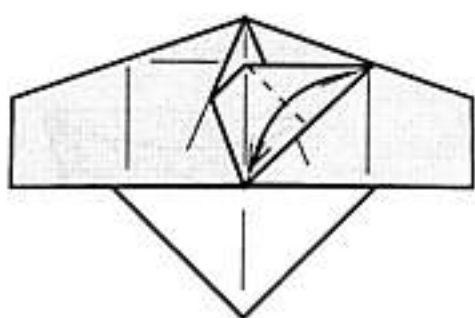
19. Valley fold to the left.



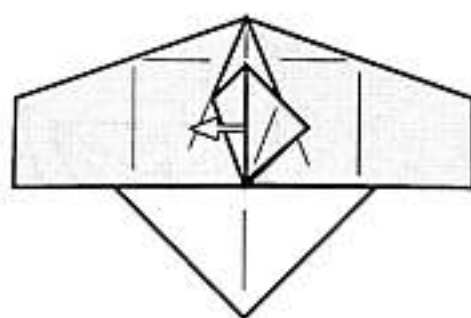
20. Pull out a hidden layer to match the interior beside. Note: In this step you are actually doing a squash fold.



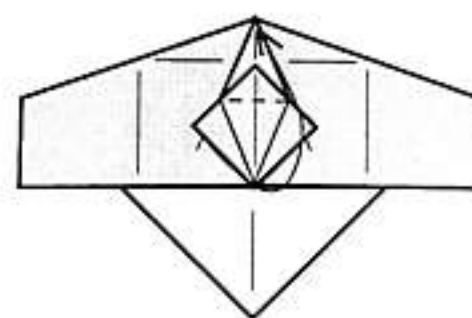
21. From existing creases, collapse the flap upwards. Look at the next drawing.



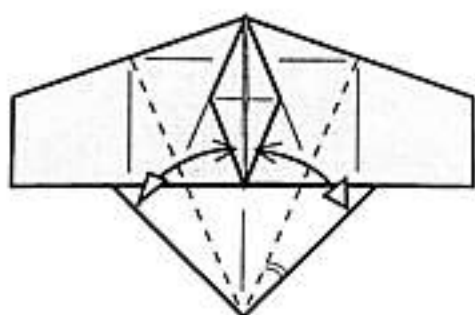
22. Valley fold down.



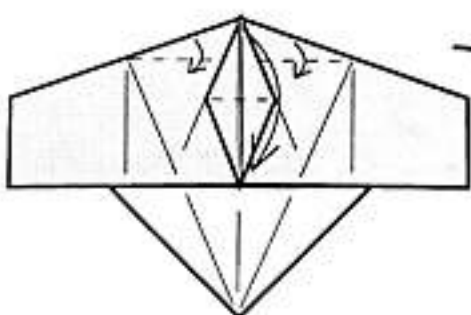
23. Pull out trapped layer.
Similar to step 20.



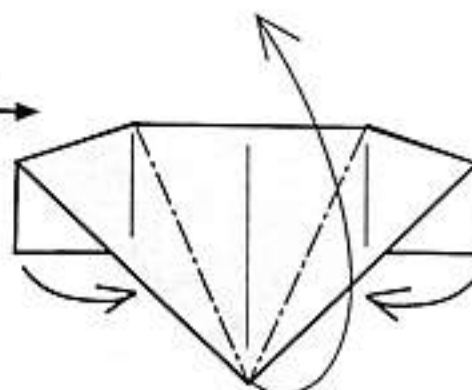
24. Petal fold upwards.



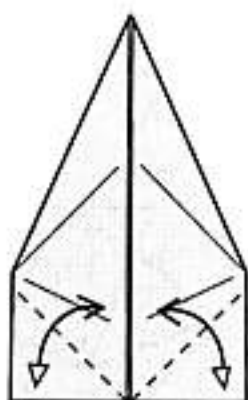
25. Precrease along angle
bisector. Note intersection
to previous creases at the top.



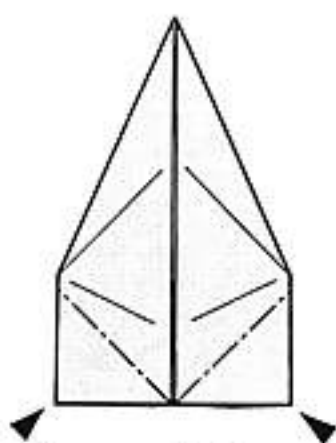
26. Swing the middle flap
down first, then swing the top
flap down with reference to
previous creases. Turn over.



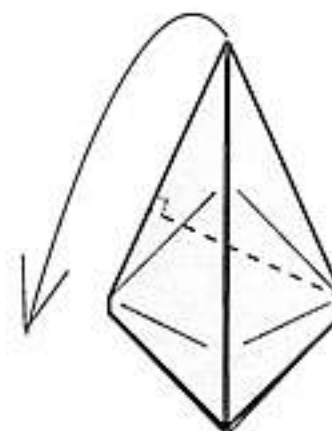
27. Valley fold upwards
bringing the side edges
to the centre.



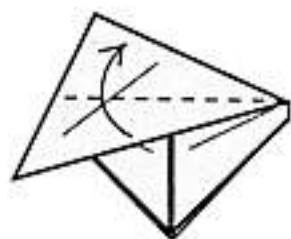
28. Precrease.



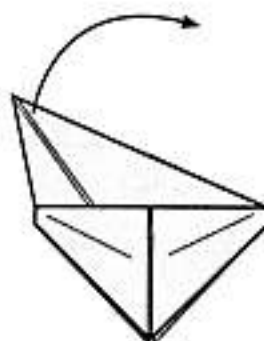
29. Reverse fold based on
existing creases.



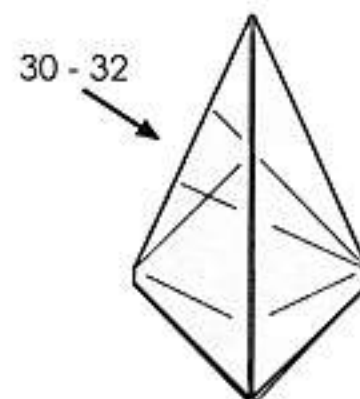
30. Valley fold.



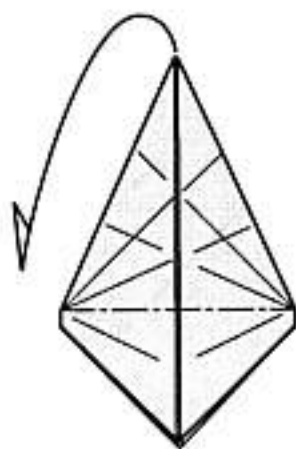
31. Valley fold along
angle bisectors.



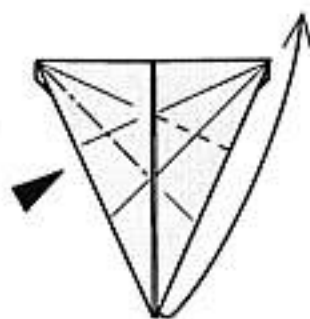
32. Unfold back to
step 30.



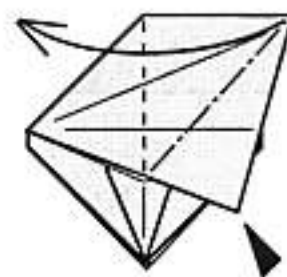
33. Repeat steps 30 -32
on the other side.



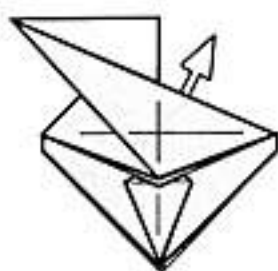
34. Mountain fold back.
Turn over.



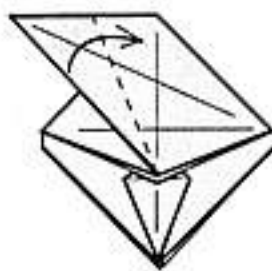
35. Asymmetrical squash.



36. Swing to the left while
incorporating a squash.



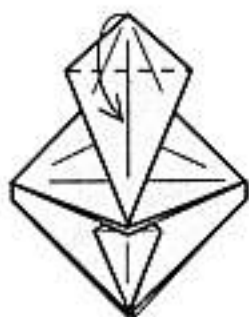
37. Pull out the inner layer.



38. Valley fold to the centre.



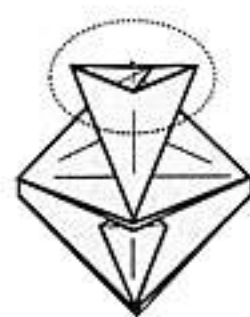
39. Pull out inner layer to
match the opposite
interior. (Squash fold)



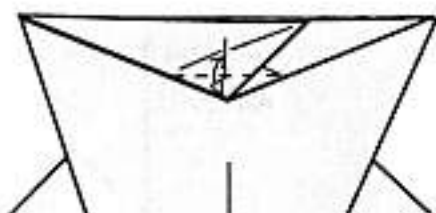
39. Valley.



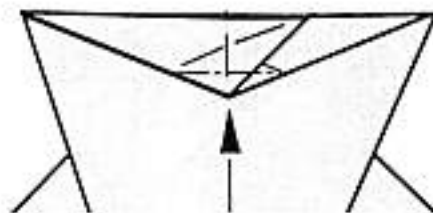
40. Rabbit-ear.



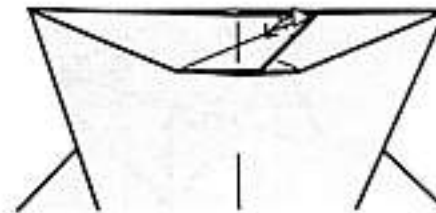
41. Enlargement of the
tail segment.



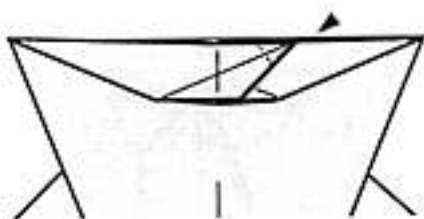
42. Precrease heavily.
Note the creases at the
edge as guides.



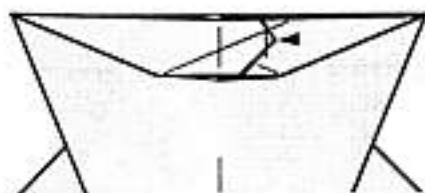
43. With care, open sink
the tip.



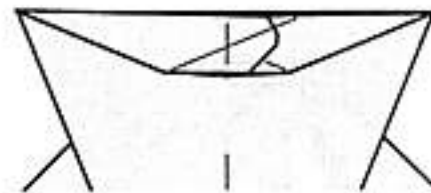
44. Precrease based on
relevant judgement. There
are no landmark creases
here.



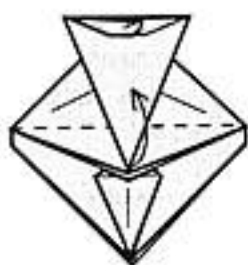
45. Reverse fold.



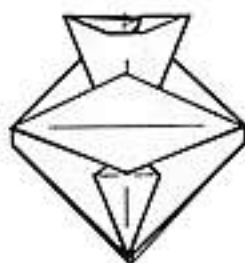
46. Round tail to your taste with reverse folds here and there.



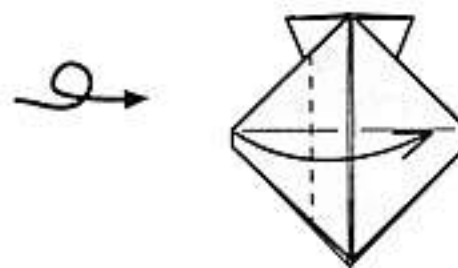
47. Tail complete. Next drawing(s) expose the full view of the model.



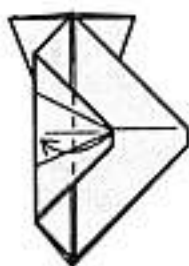
48. Valley a single flap up.



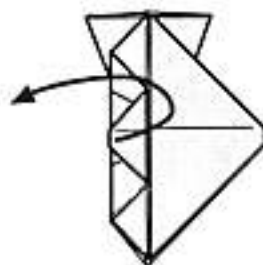
49. Turn over.



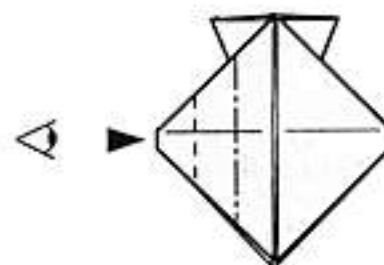
50. Valley fold all layers of the left side as far as it will go.



51. Valley fold to the left. note the centre line.



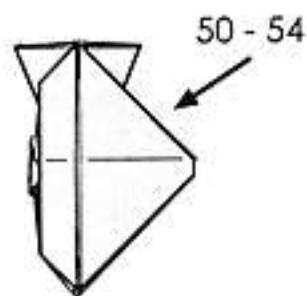
52. Unfold back to step 50.



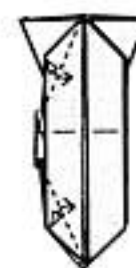
53. Open sink, in and out by carefully opening out all layers. This is a five sided sink.



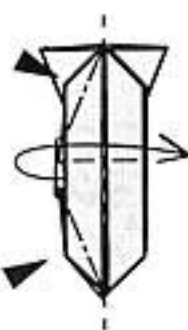
54. Side view of the sink.



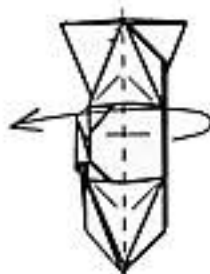
55. Repeat steps 50 - 54 on the right side.



56. Precrease heavily along angle bisectors.



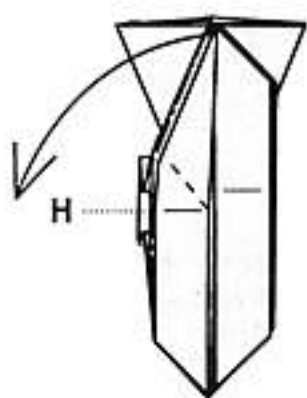
57. Spread squash by opening the model slightly.



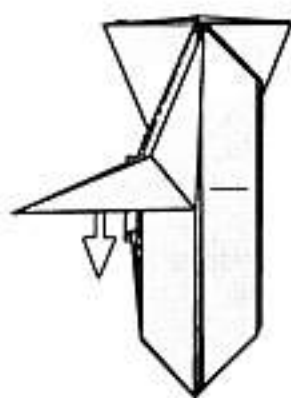
58. Close back.



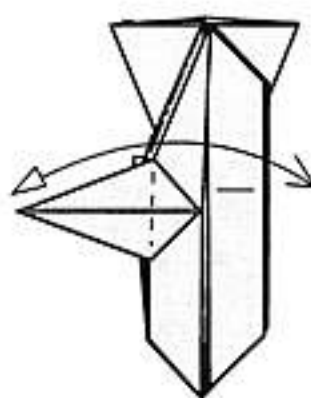
59. Valley a single point up as far as it will go. The next drawing is larger.



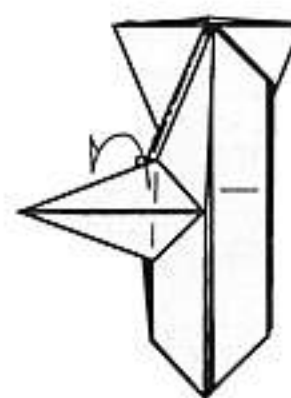
60. Valley fold. Note the horizontal line H.



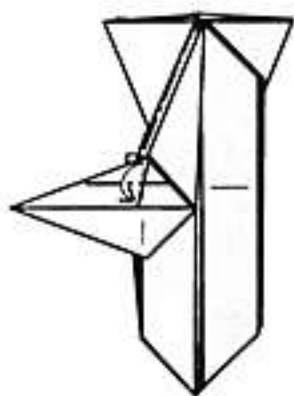
61. Pull out some material to match the opposite side.



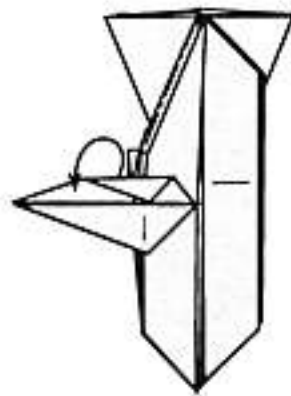
62. Precrease lightly.



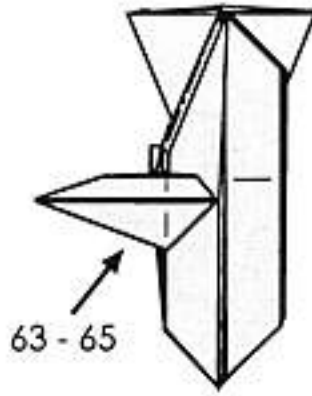
63. Wrap round a single layer to change the colour.



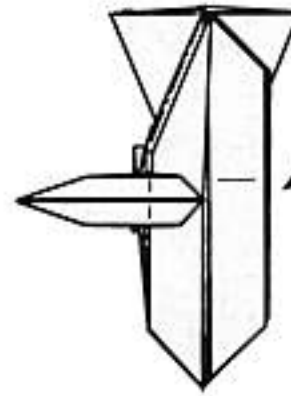
64. Precrease with reference to the creases made in step 62.



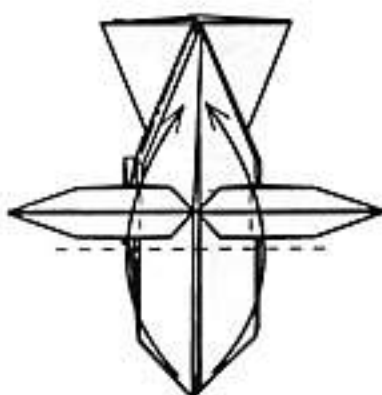
65. Unwrap the single layer back.



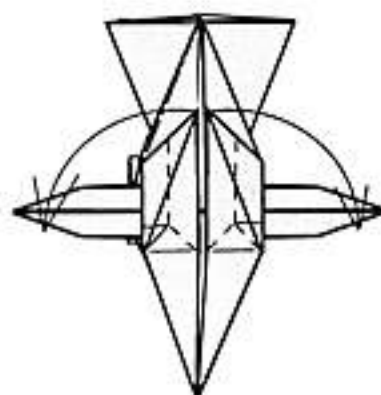
66. Repeat steps 63 - 65 on the other side.



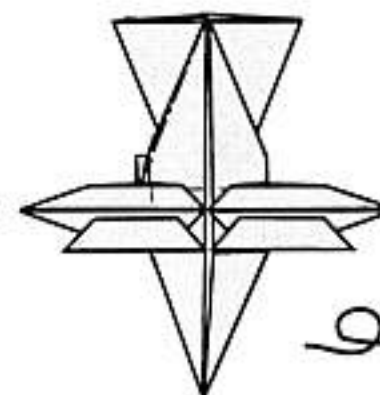
67. Repeat steps 56 - 66 on the opposite section.



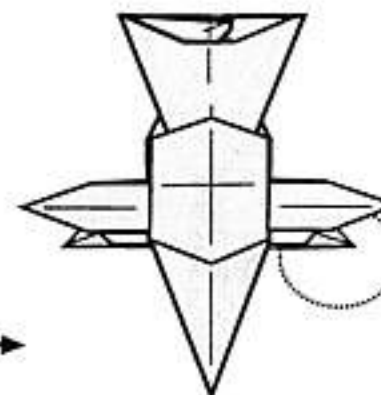
68. Valley fold two points as far as they will go.



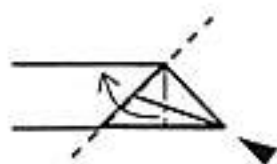
69. Rabbit ear.



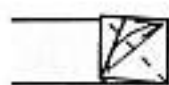
70. Turn over.



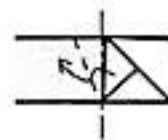
71. Enlargement of folding the wheels.



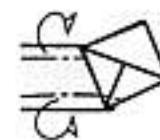
72. Squash fold.



73. Valley fold to reveal an alternate colour.



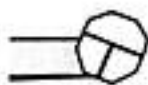
74. Crimp.



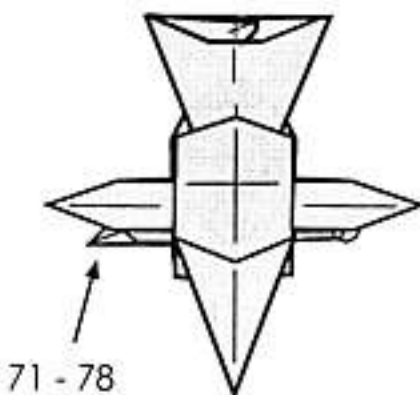
75. Narrow the pole with mountain folds.



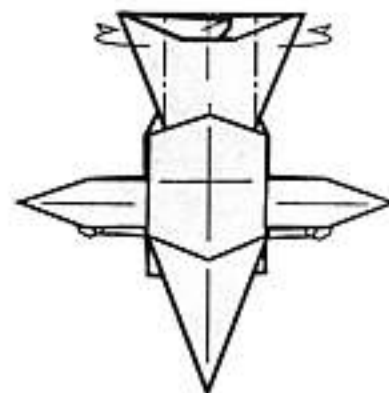
76. Round the edges with mountain folds.



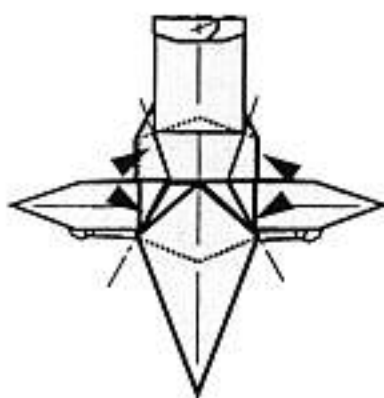
77. Completed wheel.



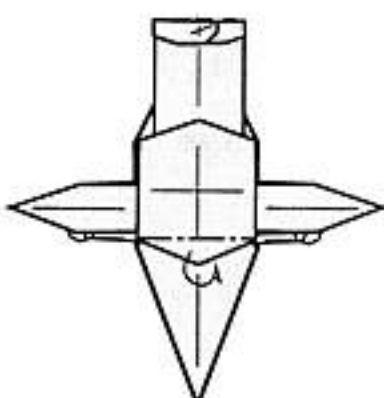
78. Repeat steps 71 - 78 on the other side.



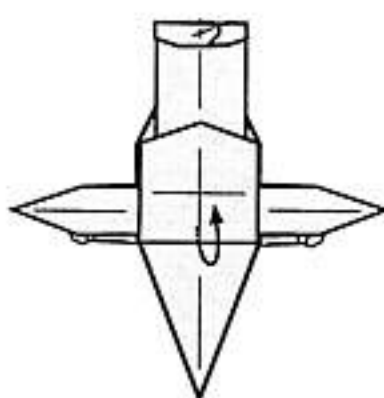
79. Narrow fuselage with mountain folds to the centre crease.



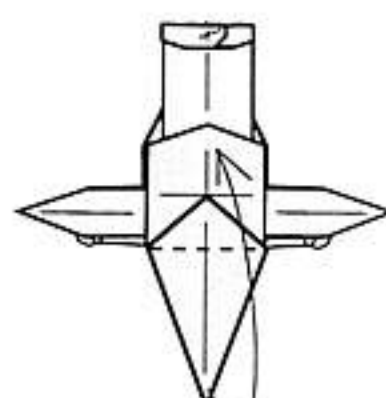
79. Top section not shown. Make four reverse folds.



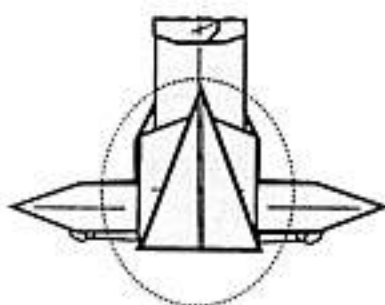
80. Mountain fold.



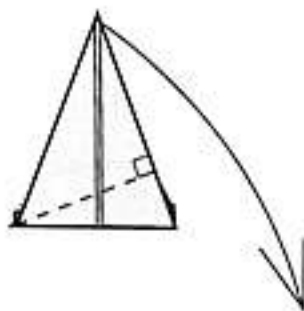
81. Release a trapped point beneath.



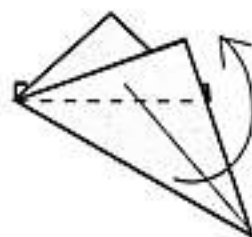
82. Fold point up.



83. Enlargement of the propeller formation.



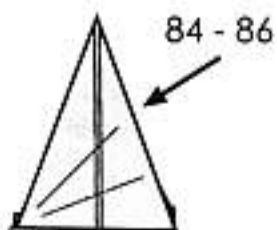
84. Valley fold down.



85. Valley fold along angle bisector.



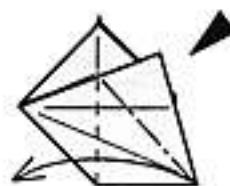
86. Unfold to step 84.



87. Repeat steps 84 - 86 on the other side.



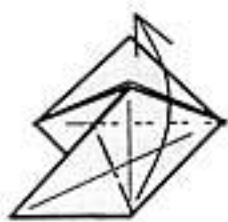
88. Asymmetrical squash.



89. Swing to the left while incorporating a squash.



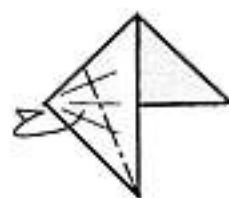
90. Pull out a trapped layer beneath. Next drawing is larger.



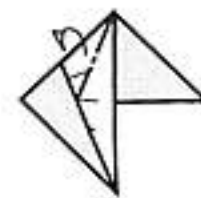
91. Squash fold.



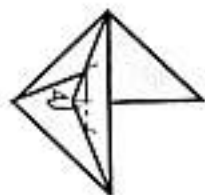
92. Fold to the left.



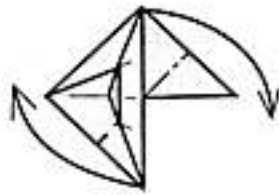
93. Mountain fold along angle bisector.



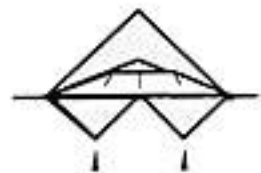
94. Mountain fold.



95. Mountain fold. Note the intersection of the creases.



96. Rotate flaps clockwise at 45 degrees. (Reverse folds will occur)



97. Reverse folds.



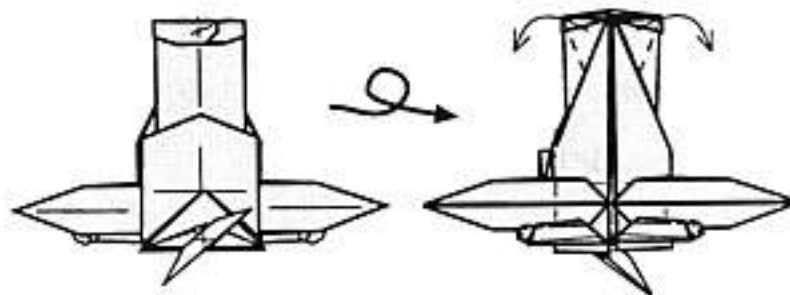
98. Reverse folds.



99. Twist the propeller slightly at an anti-clockwise position.



100. Completed propeller. Shape the central point if desired.



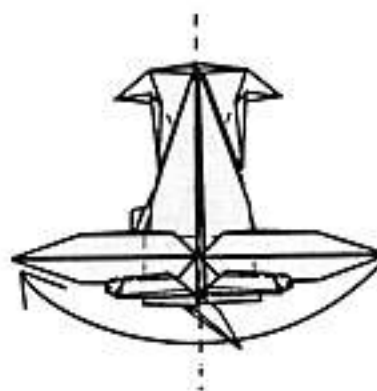
101. Full view of model. Turn over.



103. Narrow flaps with swivel folds.



104. Valley fold.



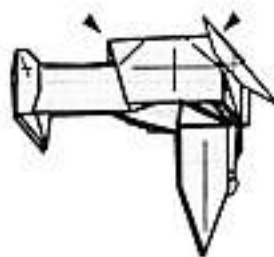
105. Carefully fold the model in half. Do not allow the propeller to interfere while folding. The model should not be completely flat.



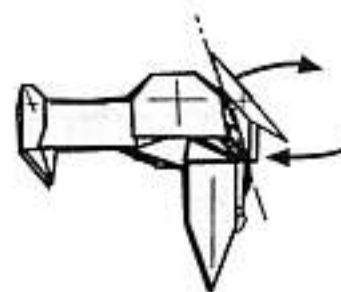
106. Rotate model 90 degrees anti-clockwise direction.



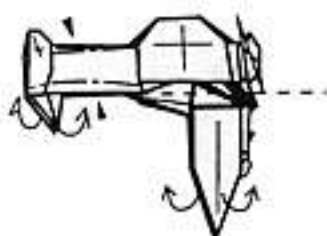
107. Gently pull up the top portion allowing the propeller section to pass through.



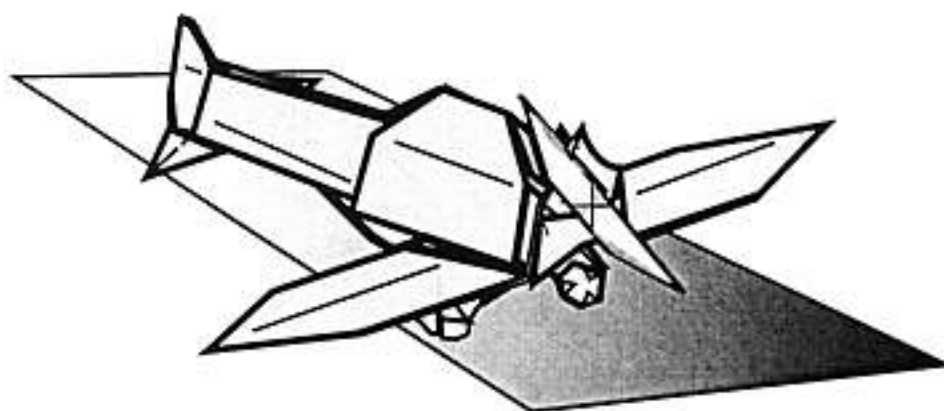
108. Reverse fold sides of the cockpit.



109. Reverse fold while pulling out an inner point and pushing the bottom section in the fuselage.



110. Final shaping of the body. Swing wings upwards and shape model to a tubular form.



111. Completed Monoplane (Version 2)
© Gareth Louis June 2004

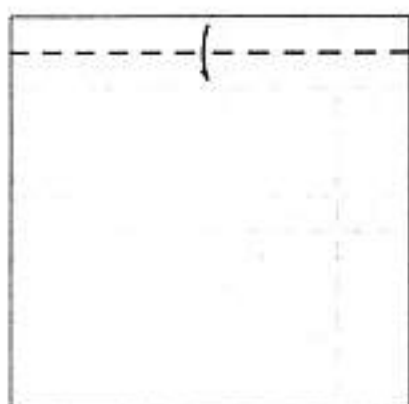
LETTER "E" WITH HEART

High Intermediate

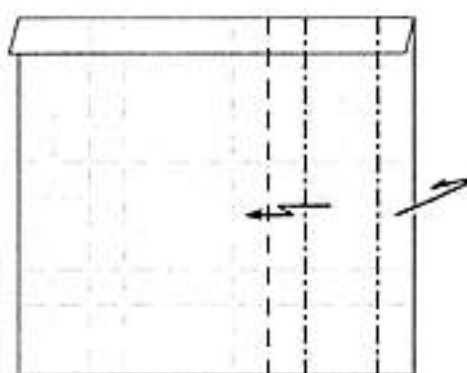
Andrey Lukyanov

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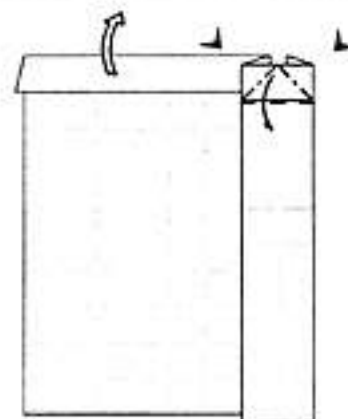
Love is a canvas furnished by Nature and embroidered by imagination.
~Voltaire



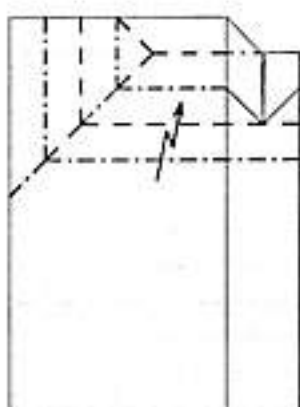
1. 11×11



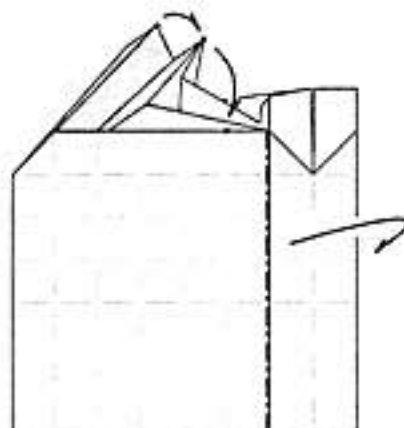
2



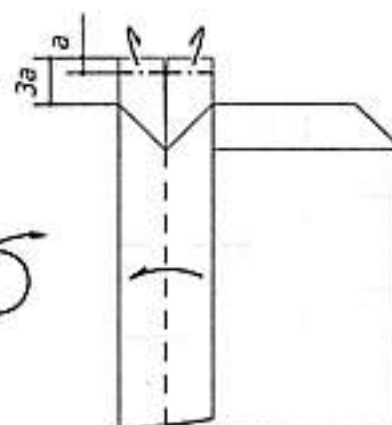
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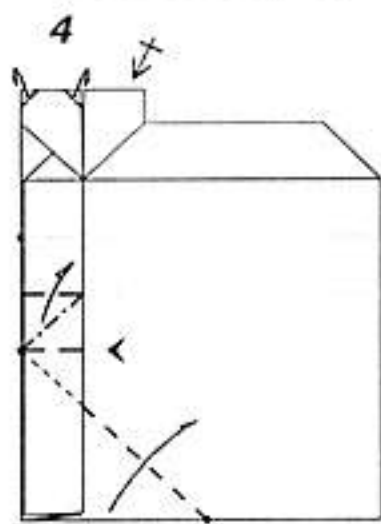
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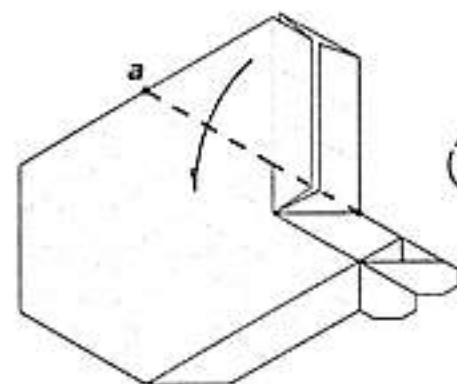
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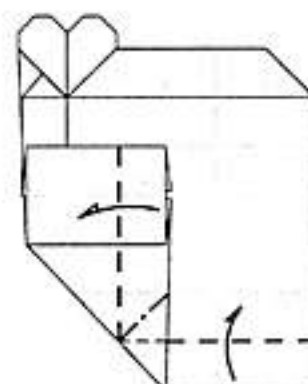
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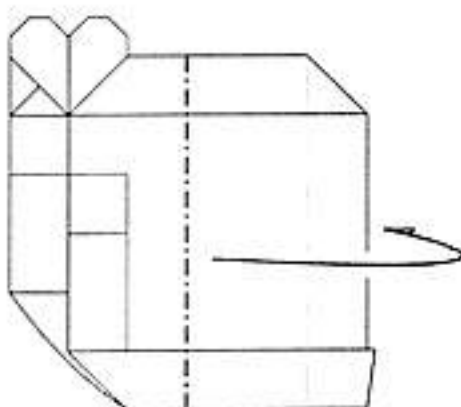
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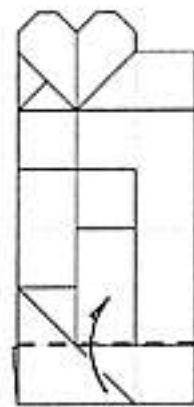
8



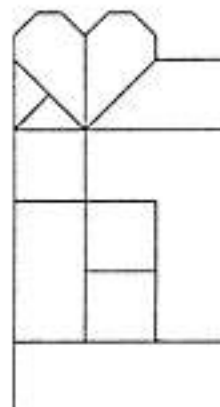
9



10



11



For Eric Andersen

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06.11.04

LETTER "F" WITH HEART

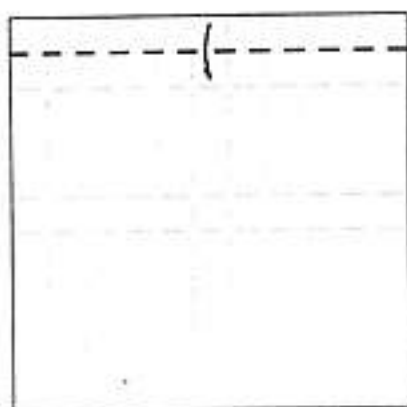
High Intermediate

Andrey Lukyanov

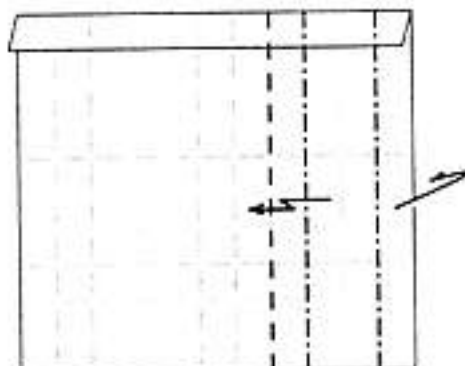
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You, yourself, as much as anybody in the entire universe, deserve your love and affection.

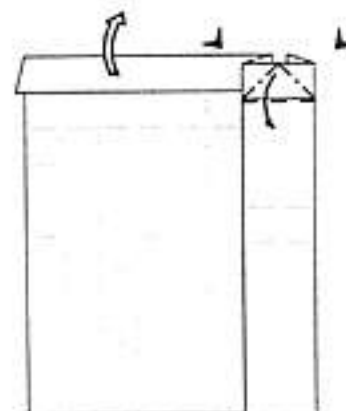
~Buddha



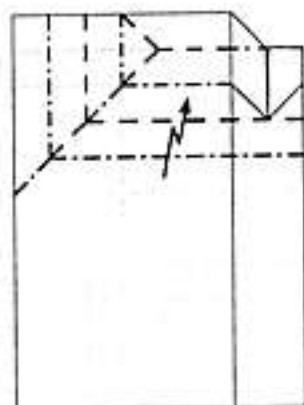
1. 11x11



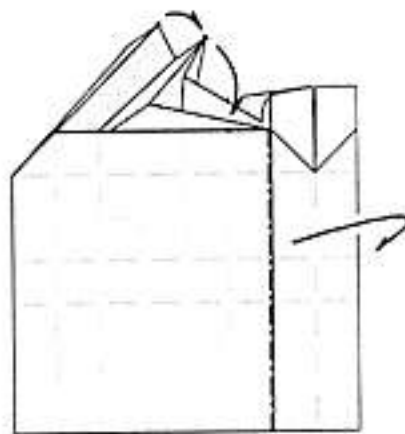
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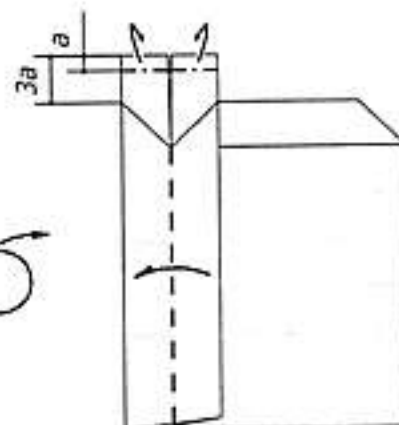
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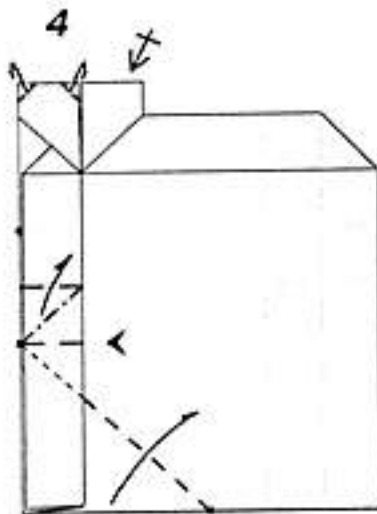
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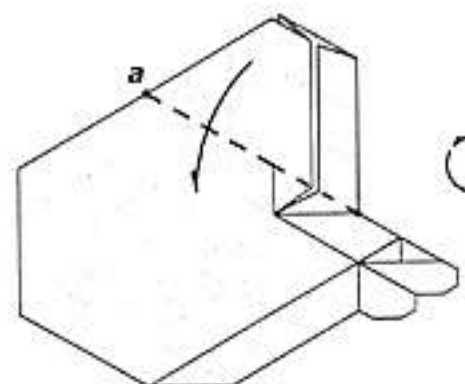
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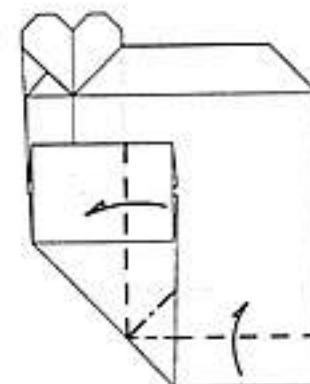
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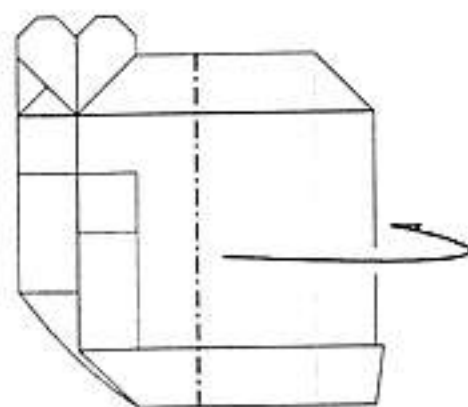
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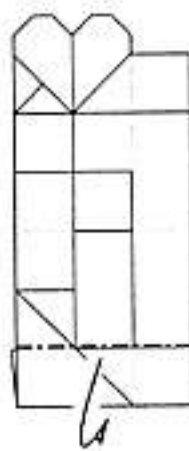
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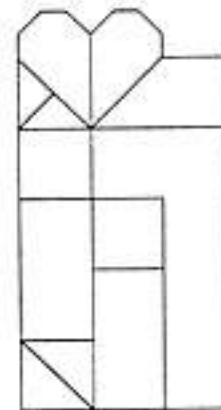
9



10



11



For Francis Ow

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06.11.04



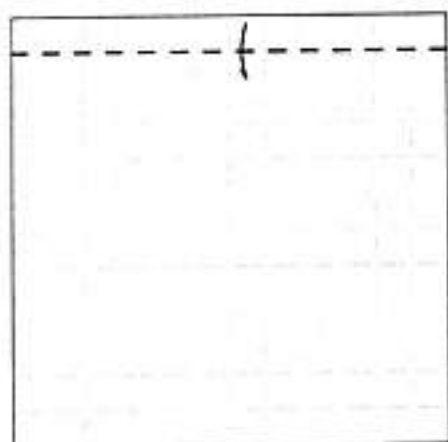
LETTER "M" WITH HEART

High Intermediate

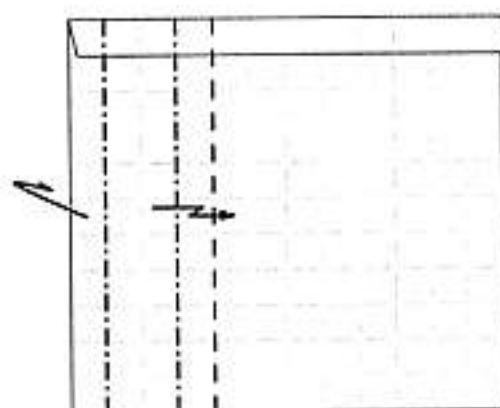
Andrey Lukyanov

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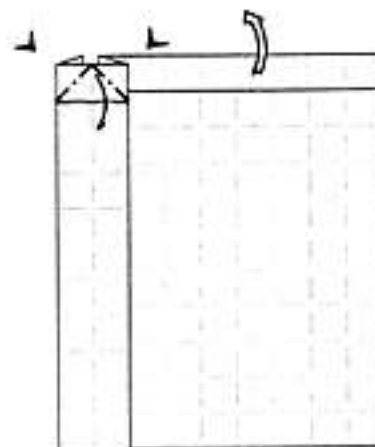
My most brilliant achievement was my ability to be able to persuade my wife to marry me.
~ Winston Churchill



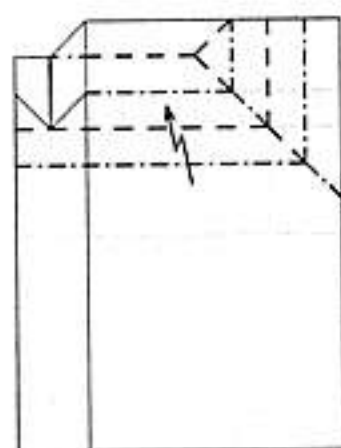
1. 12 x 12



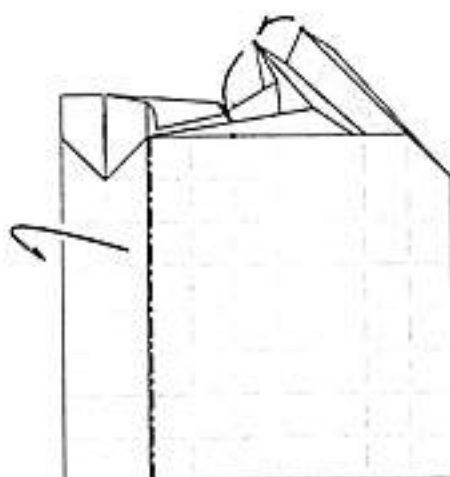
2



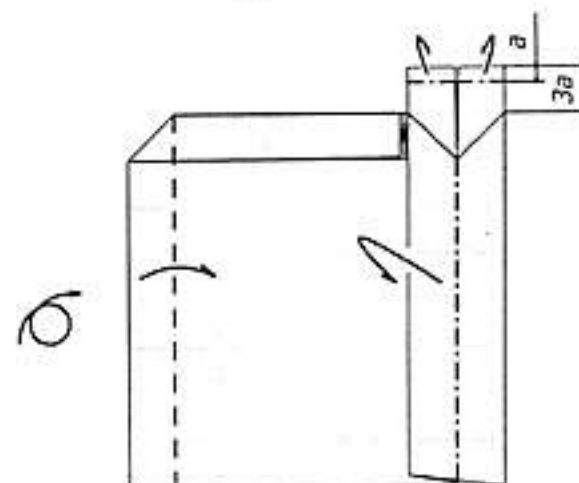
3



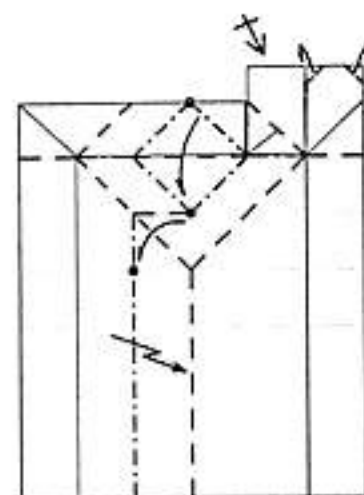
4



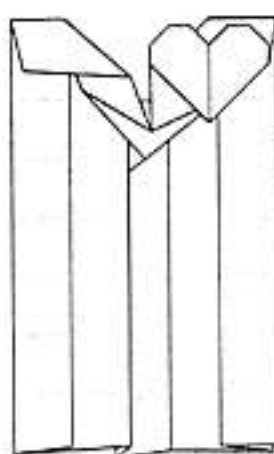
5



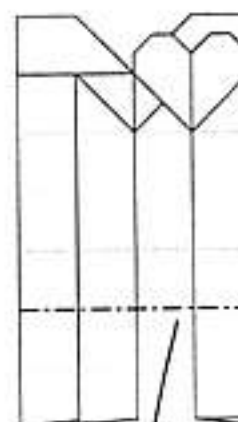
6



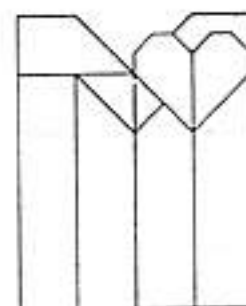
7



8



9



www.loveorigami.land.ru

For Marc Kirschenbaum



03.11.04

DOVE NOTE

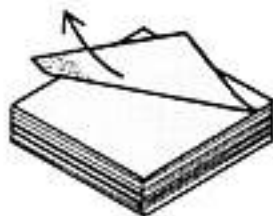
Simple

Marcia Joy Miller

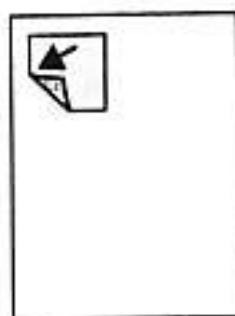
©2005 - New Jersey



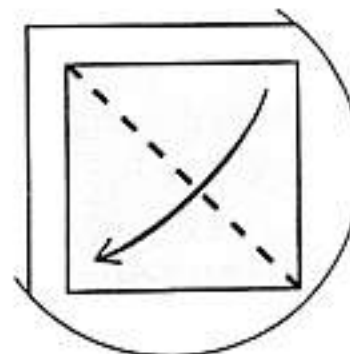
Add charm to the brief notes that you attach to documents. Fold each message into a Dove Note from a three-inch square of self-adhesive memo paper.



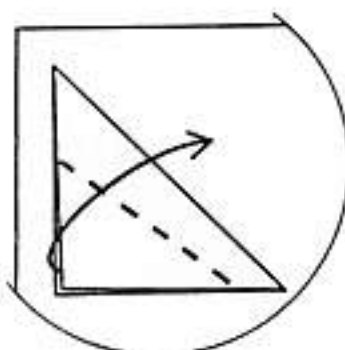
1. Remove one sheet from a pad of self-adhesive memo paper.



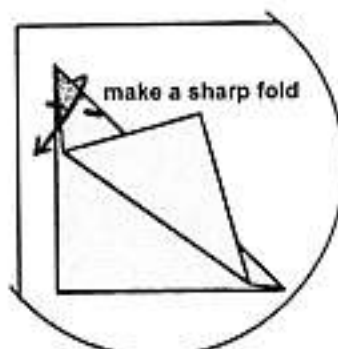
2. Hold the memo paper so that its sticky side is facing away from you and on the left. Press it onto your document so that it is positioned at least one-half inch away from the left edge.



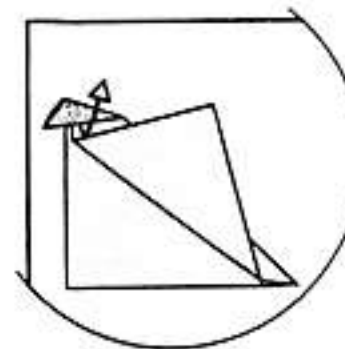
3. Bring the top right corner down toward the bottom left corner. (Because the memo paper might not be an exact square, do not be concerned with matching those corners.) Make a fold that extends from the top left corner to the bottom right corner.



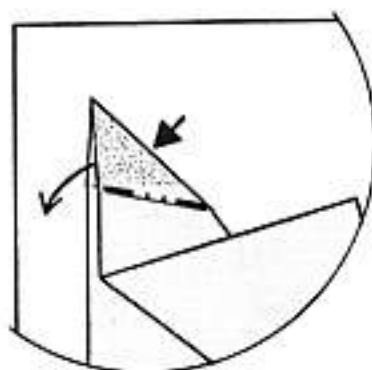
4. Fold the front corner up and to the right as shown.



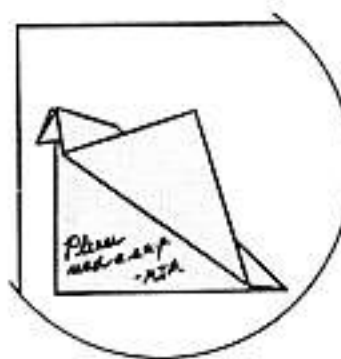
5. Sharply fold the top corner down and to the left. The fold should be made below the adhesive strip and may be slanted a little as shown.



6. Open the fold that you just created.



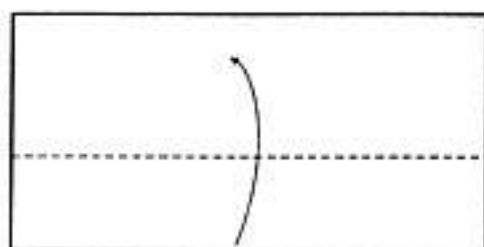
7. Make an inside reverse fold: First, separate the raw edges at the top left of the model. Next, push the top corner between the edges so that it bends on the existing creases. Press the layers flat.



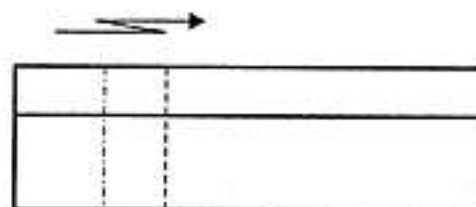
8. Write your message on the dove's lower left wing.



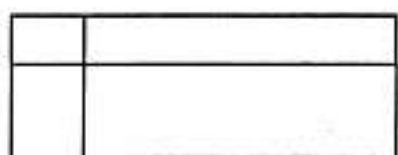
9. Your Dove Note is complete.



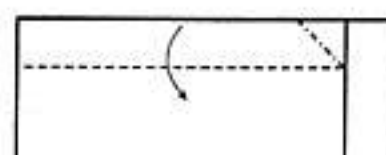
1. Start with half a square white side up. Fold the paper up leaving enough white for the bristles.



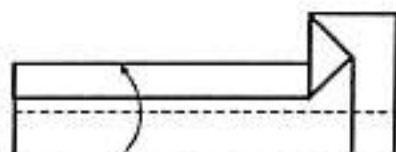
2. Pleat the paper as shown.



3. Like this. Turn over.



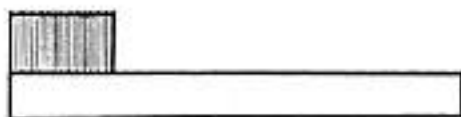
4. Squash the paper down.



5. Fold the paper up to the raw edge. Turn over.

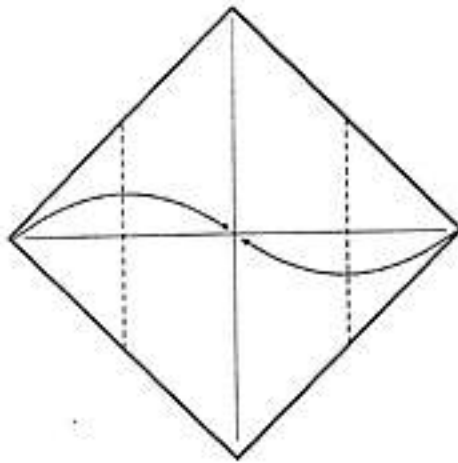


6. Your Ori-Brush is almost done. To make the bristles Pleat the white parts shown.

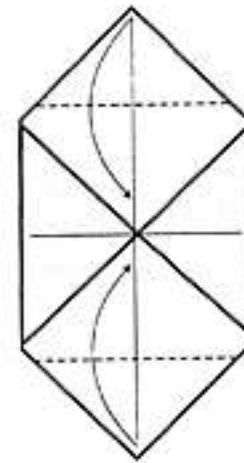


7. The completed Ori- Brush.

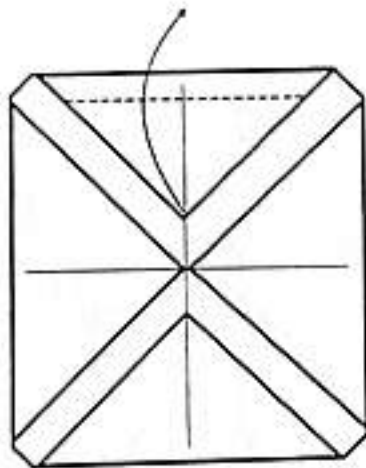




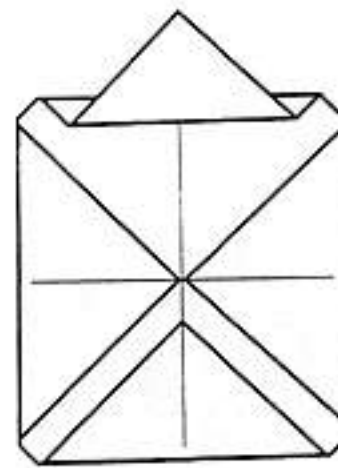
1. Start with a square white side up. Bring the opposite corners to the center.



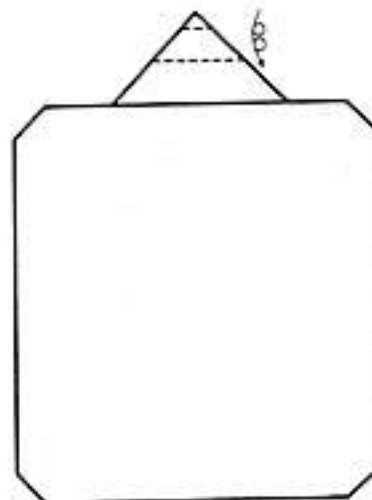
2. Fold the other two corners down.



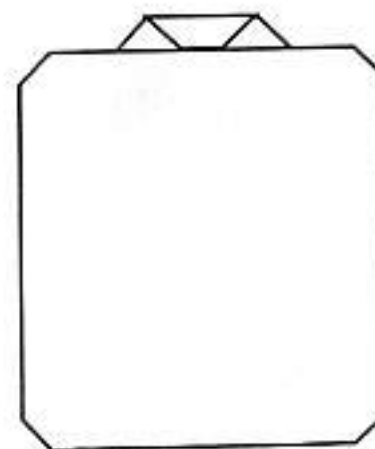
3. Fold the paper up as shown.



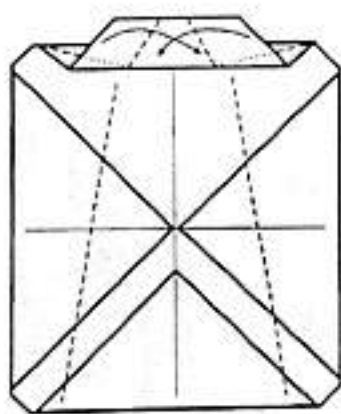
4. The paper should look like this. Turn over



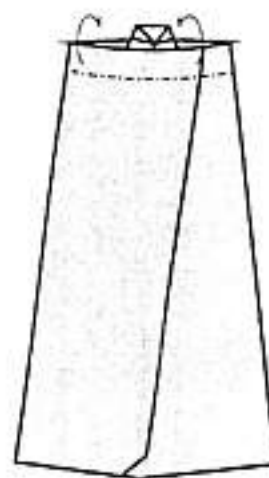
5. Fold the paper as shown.



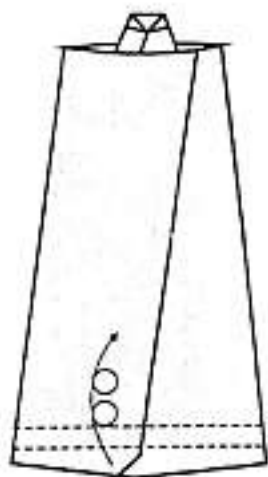
6. Like this. Turn over.



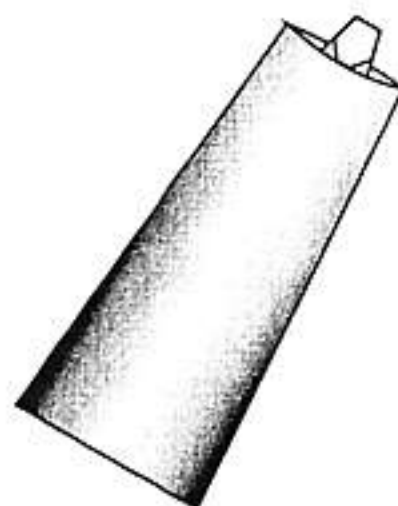
7. Squash the top part to make the cap. While squashing gently roll the paper.



8. The paper should look like this. Fold the lip on top to let the cap be seen.



9. Fold the paper as shown to make the crimp at the bottom. Turn over.



10. The completed Ori-Paste.



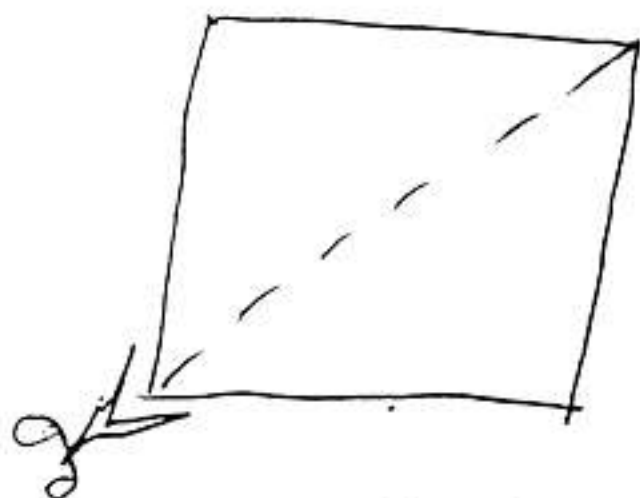
BLACK CAT

Low Intermediate

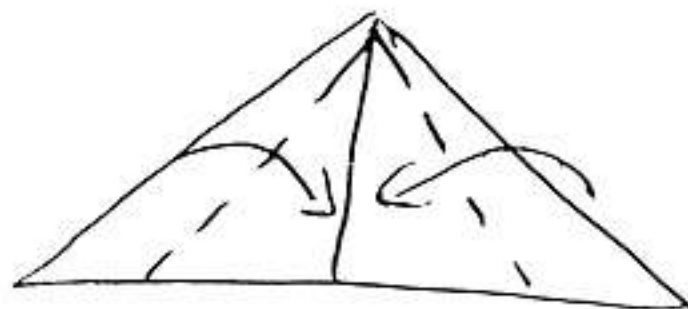
Aldo Putignano

©2004 - New Jersey

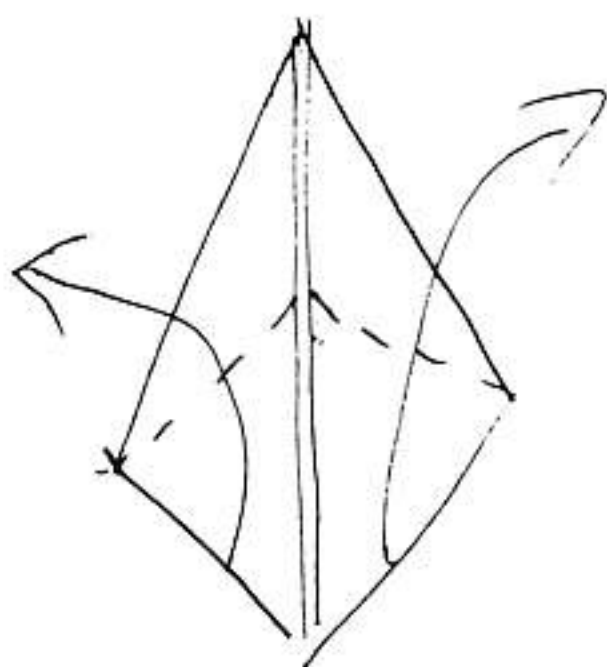
If you fold the cat with construction paper or other heavy paper, you can cut the square in half. If you are using regular kami do not cut the paper in half, just fold it in half to make a triangle.



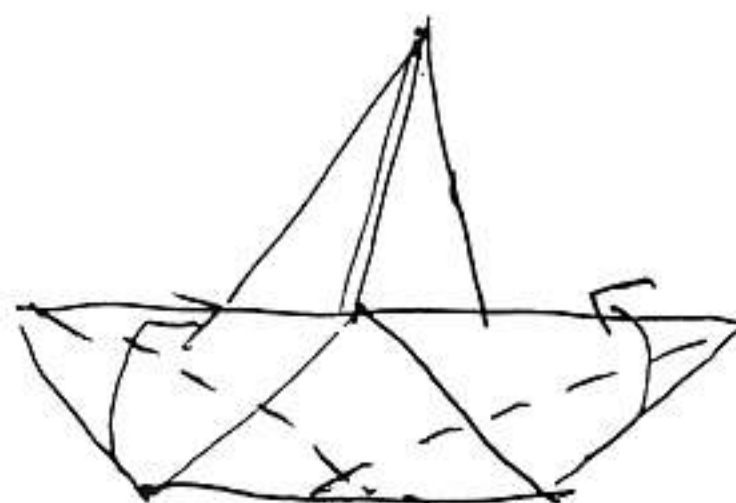
1. Cut down the center.



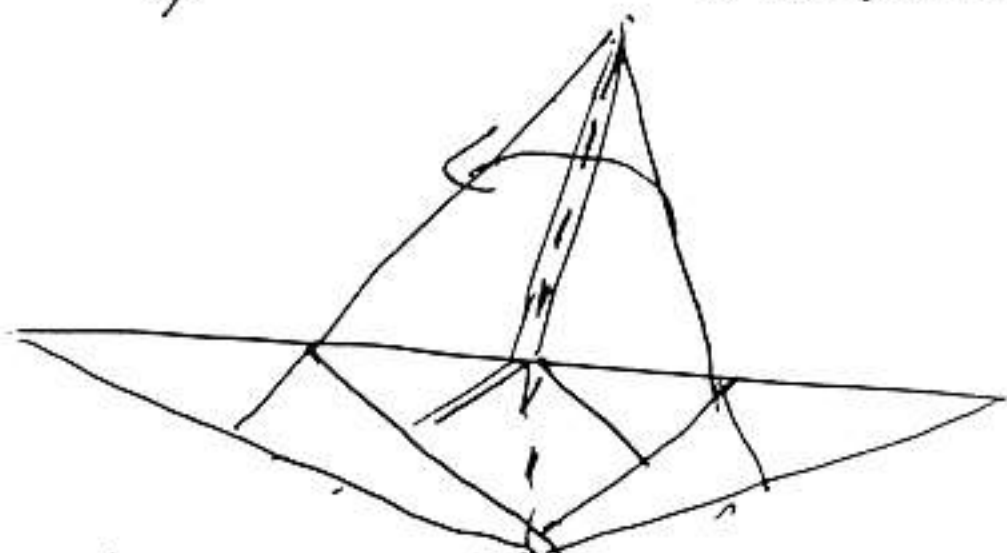
2.



3.



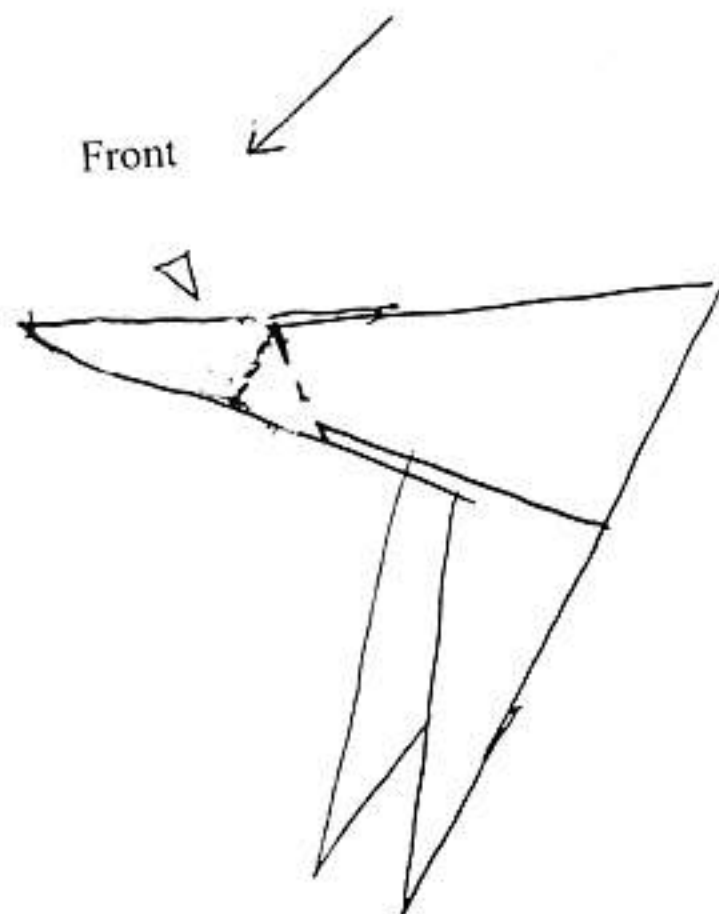
4. Valley fold in half twice.



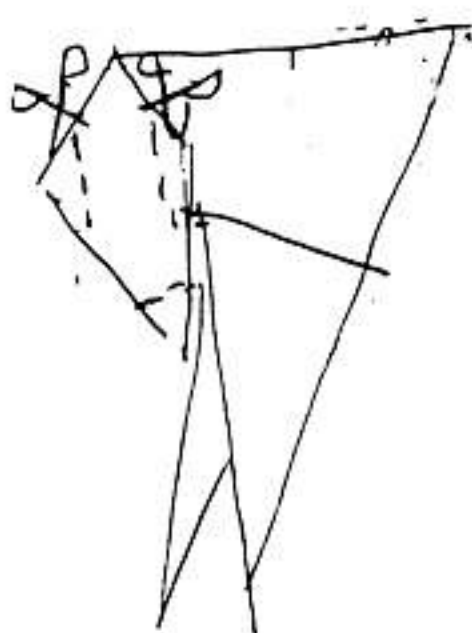
Front

Back

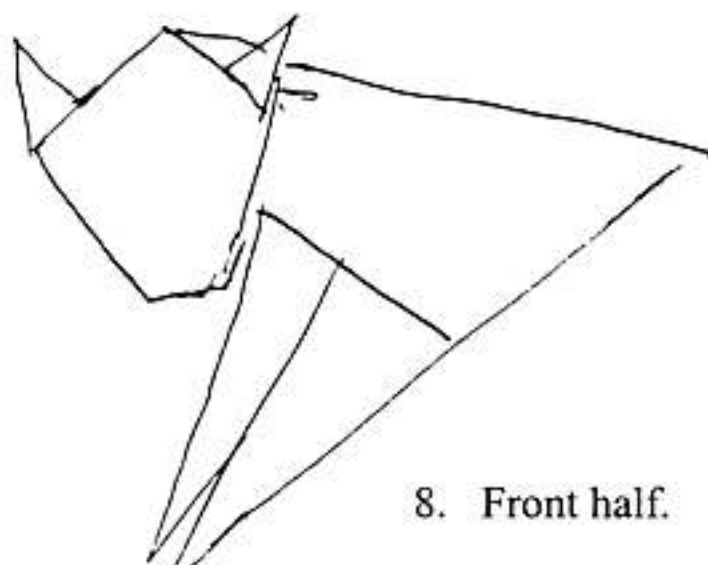
5. Head and front legs.



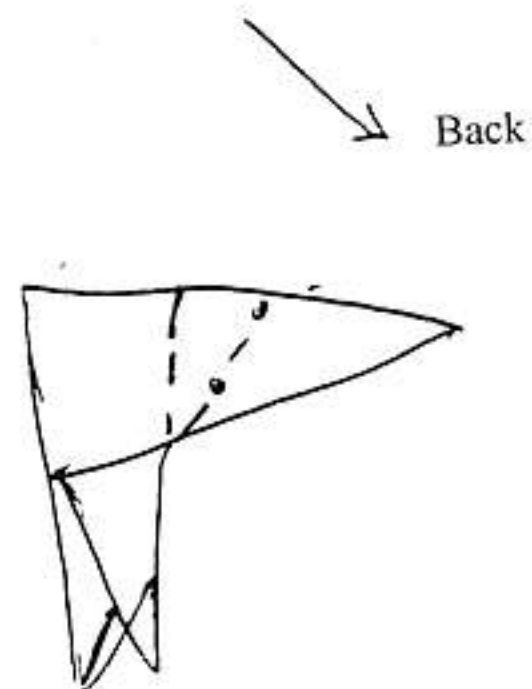
6. Squash fold.



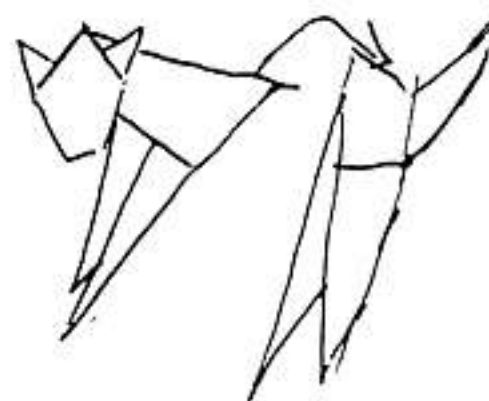
7. Make 2 cuts behind.
Fold the cut flaps up.



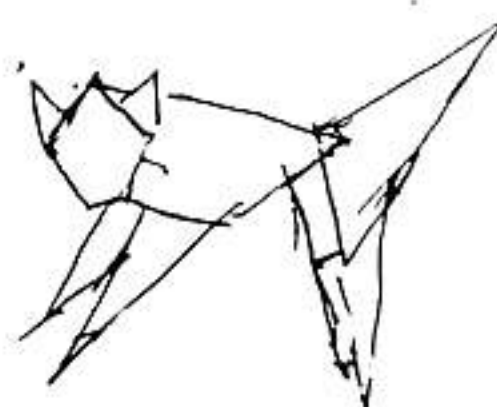
8. Front half.



6. Crimp tail.



7. Slide two pieces together.



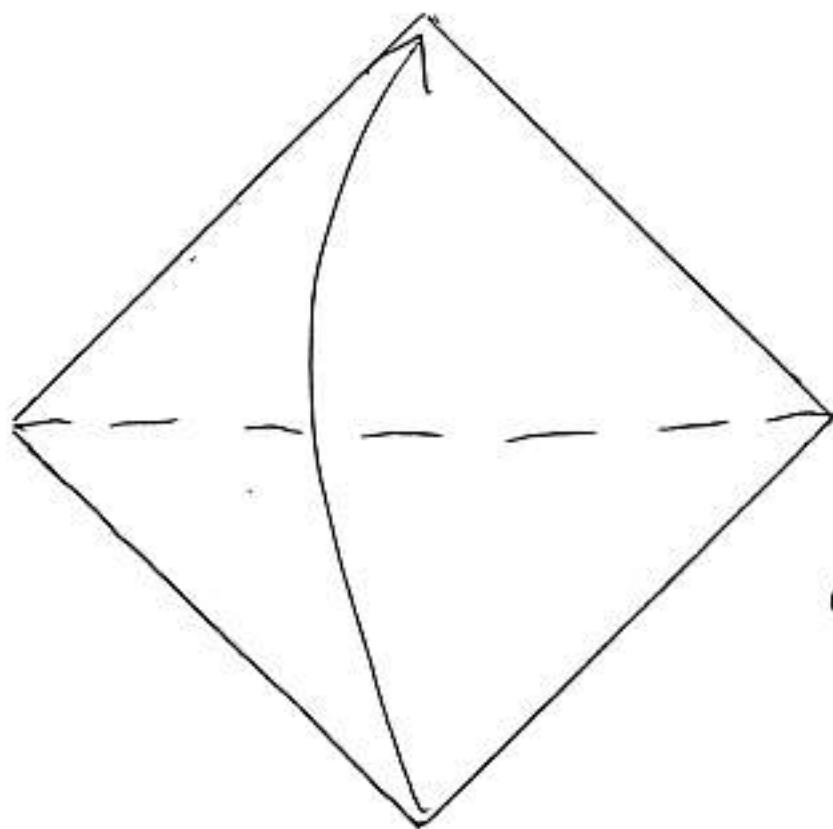
8. Completed black cat.

SIMPLE ELEGANT VASE

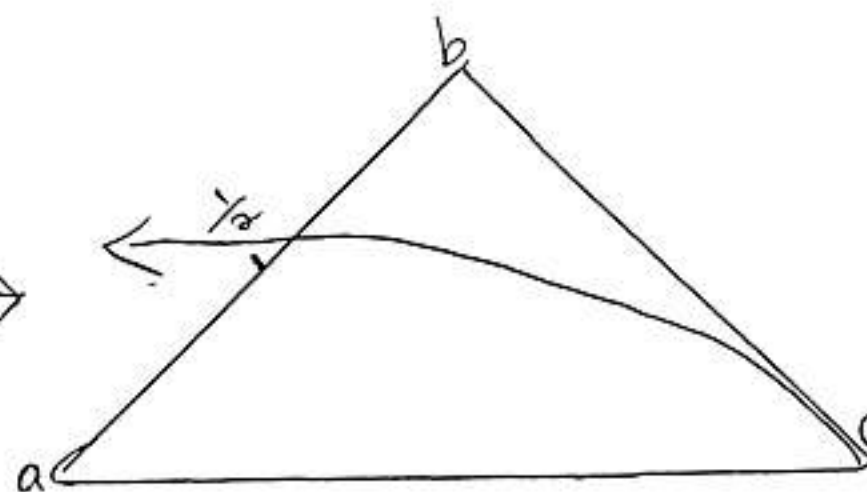
Low Intermediate

Aldo Putignano

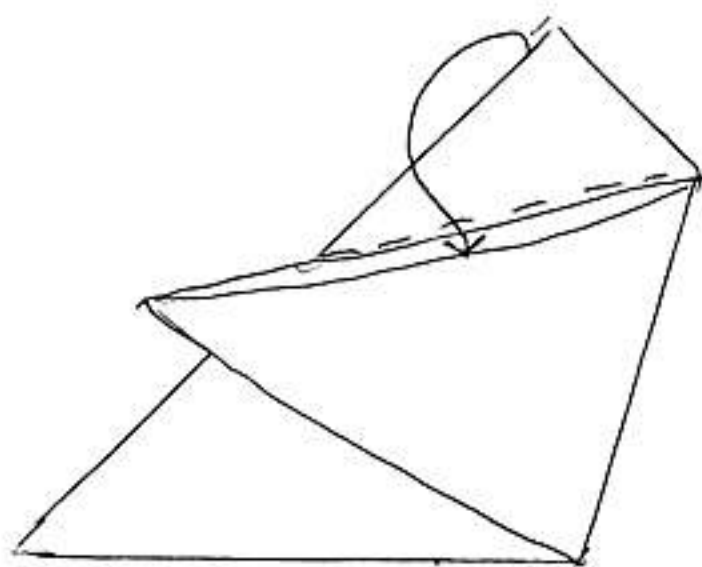
©2003 - New Jersey



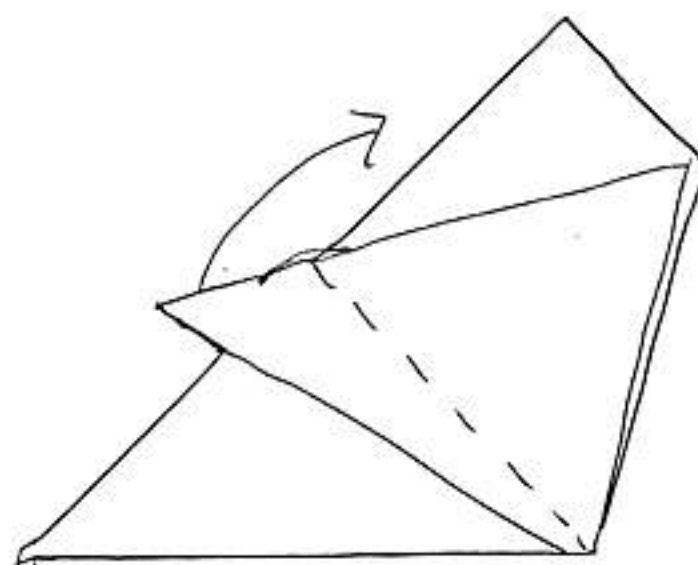
1. White side up. Valley fold in half.



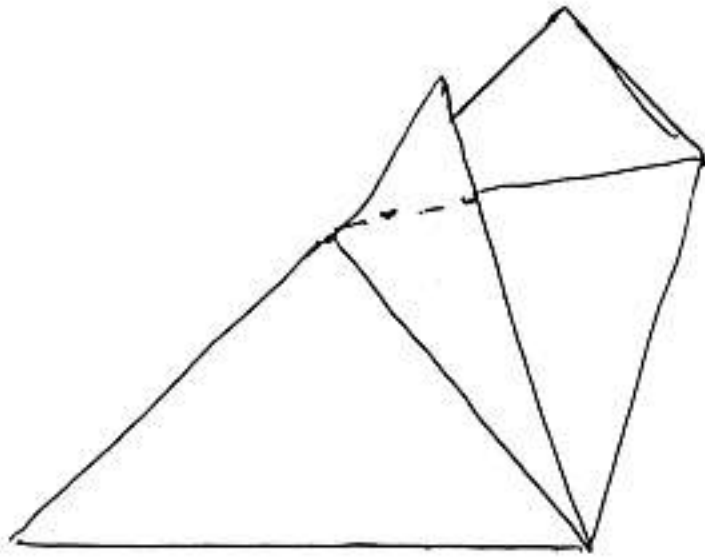
2. Locate the $\frac{1}{2}$ mark by folding point A to point B. Fold over point C; it should be slightly above the pinch mark. See the next step for approximate positioning.



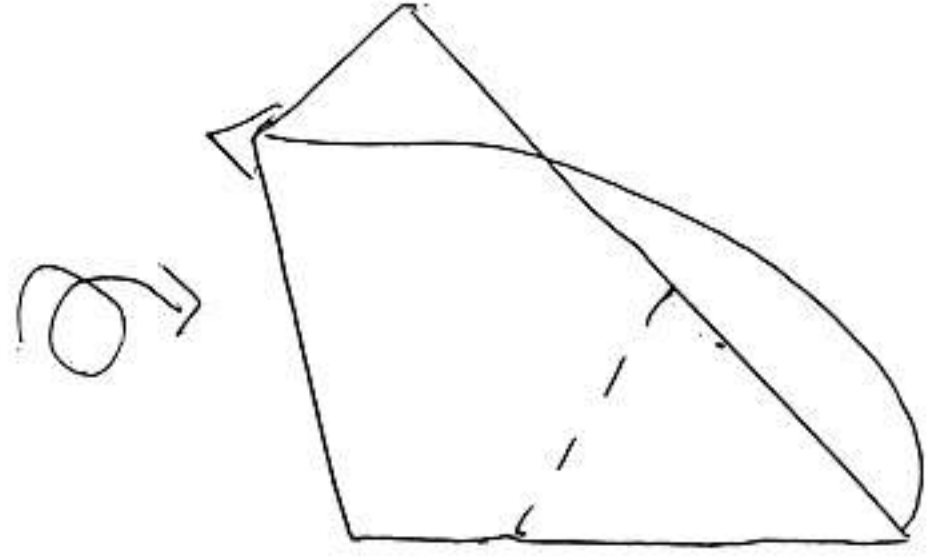
3. Valley fold the top layer into the indicated pocket.



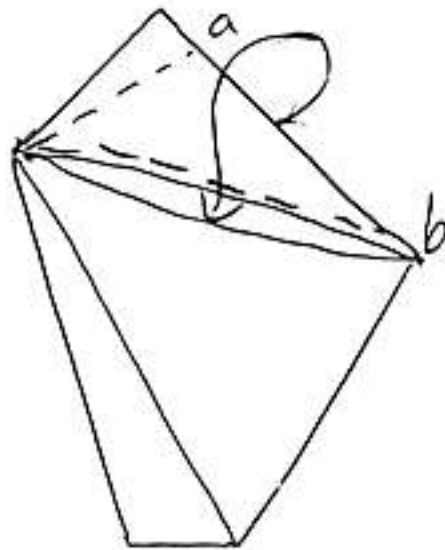
4. Valley fold.



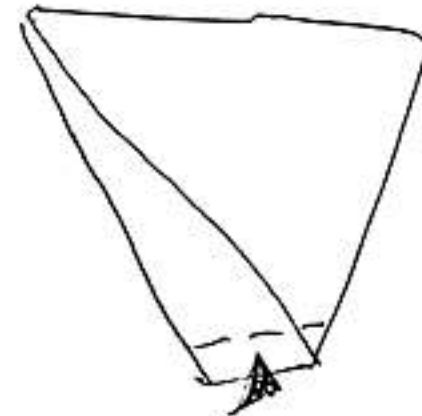
5. Mountain fold the flap into the pocket.
Turn over.



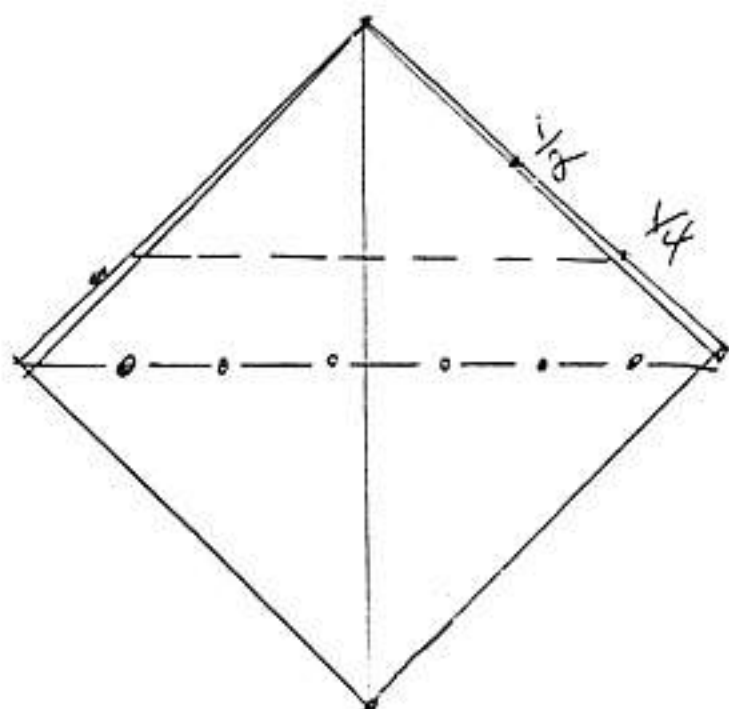
6. Valley fold the flap so it hits the indicated corner (it might extend beyond).



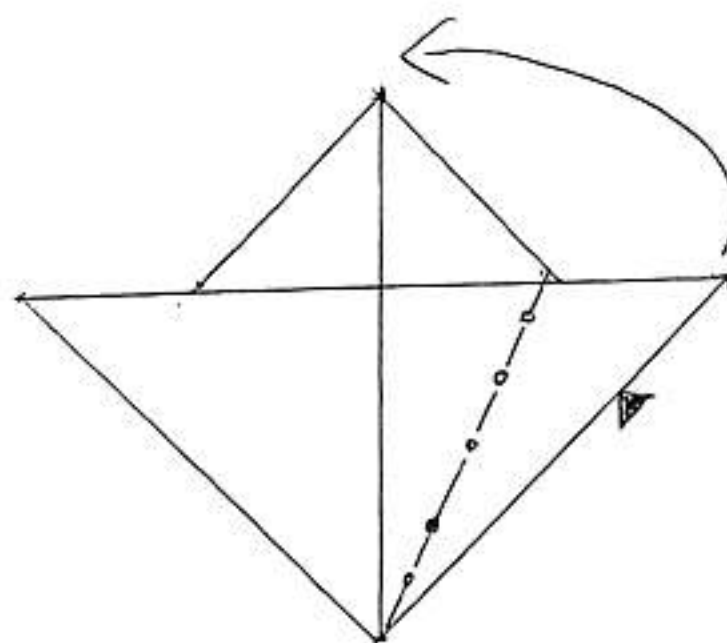
7. Tuck the flap into the pocket; you will probably have to add an extra fold (crease A) to get it to fit.



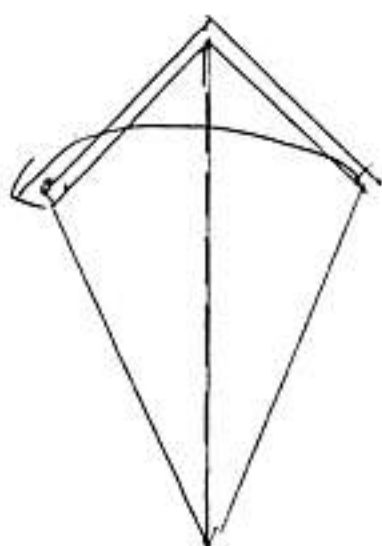
8. Squash the bottom of the vase flat to complete your model.



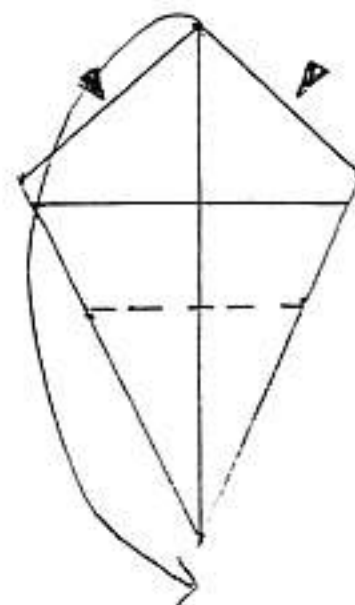
1. Begin with a colored Preliminary Base, with the four flaps pointing upwards. Pleat each of the four flaps along the indicated halfway and $\frac{1}{4}$ points. You will have to flip the flaps to do the middle layers.



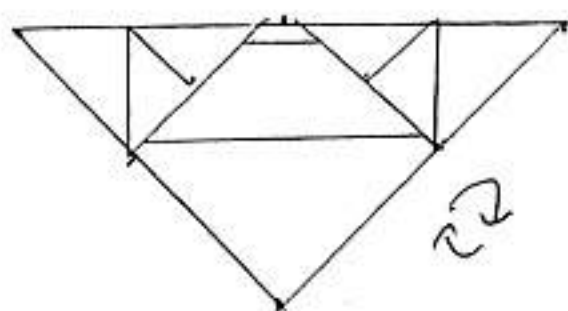
2. Squash fold the flap. Repeat on the other three flaps.



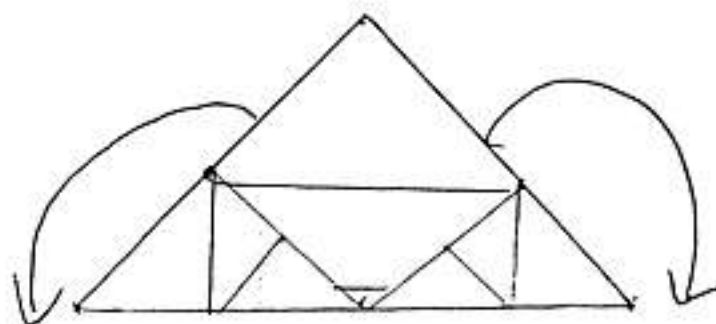
3. Valley fold over a flap on each side.



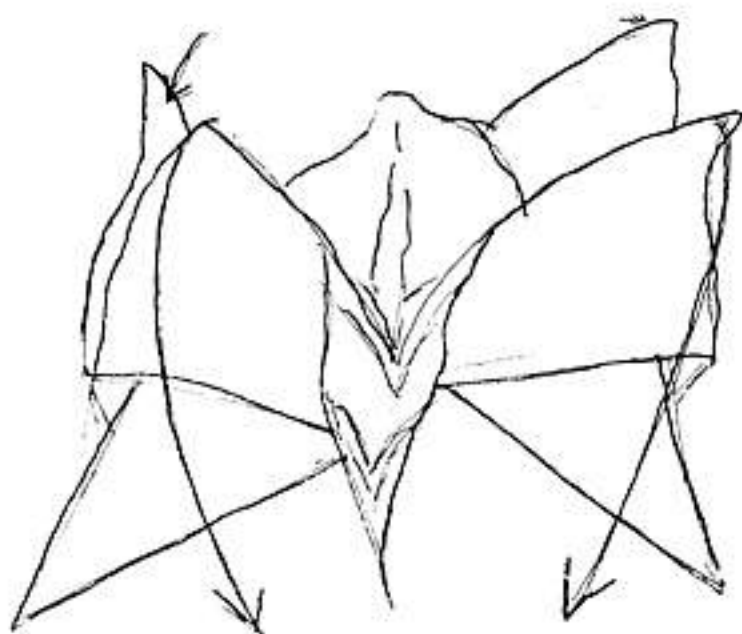
4. Valley fold the top down, allowing the sides to squash outwards. Repeat on the other three flaps.



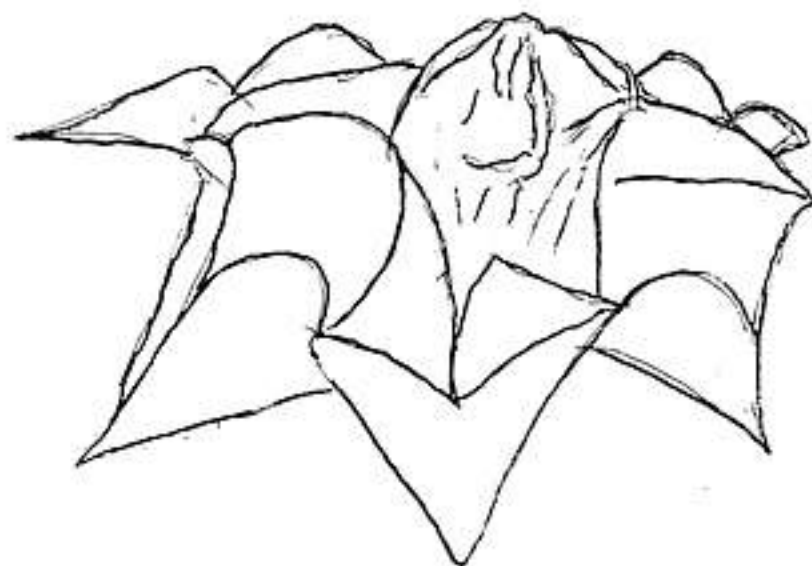
5. Rotate the model 180 degrees.



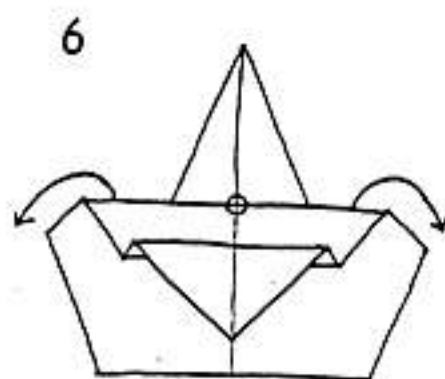
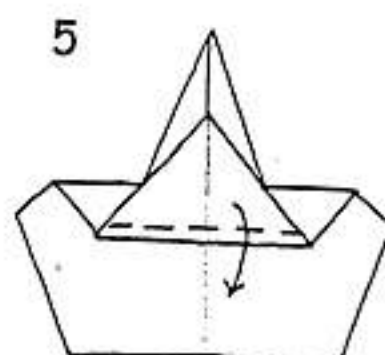
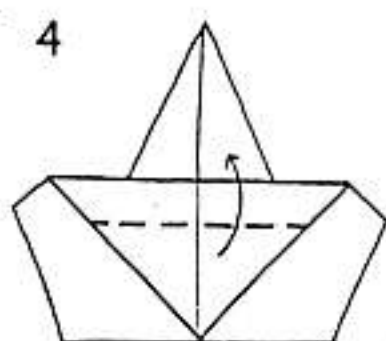
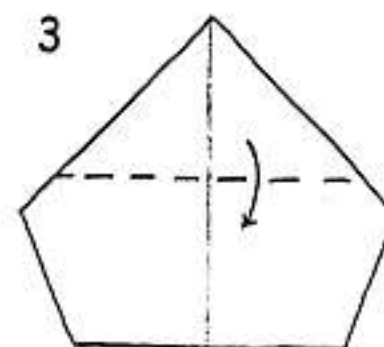
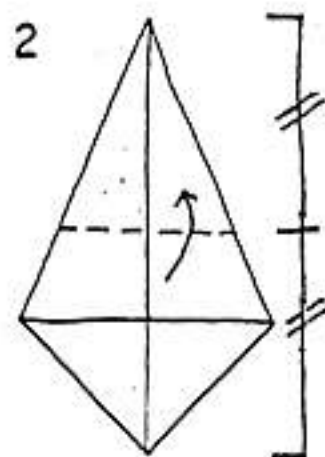
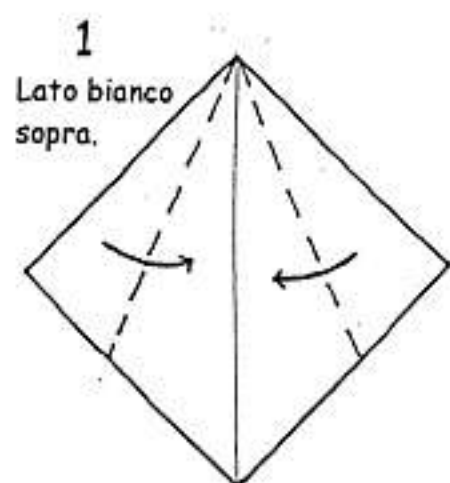
6. Pull down the opposite sides, allowing the center to puff out. Repeat with the other set of opposite sides.



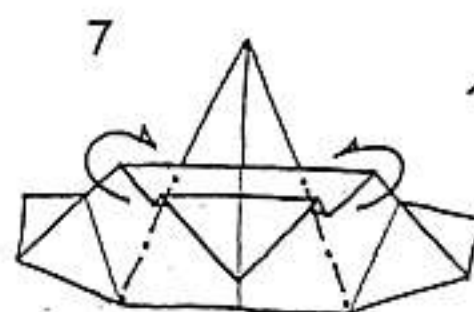
7. Pull the four petals down, leaving the double inner strip at the base up.



8. Completed Uranus Amaryllis.



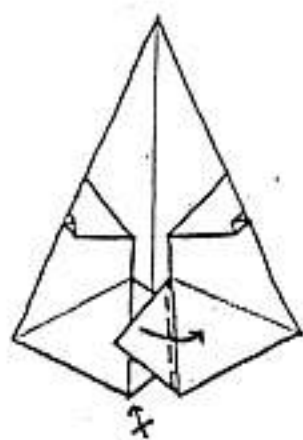
Afferrare il modello al centro e tirare verso l'esterno la parte interna.



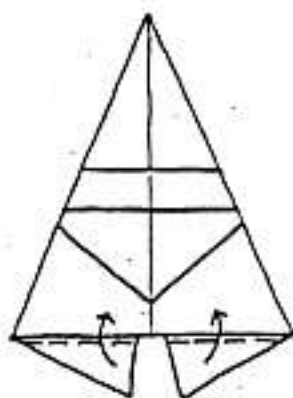
Usare la piega esistente come punto di riferimento.



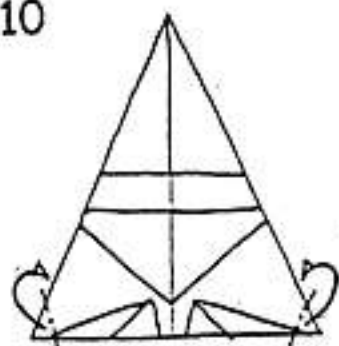
8



9

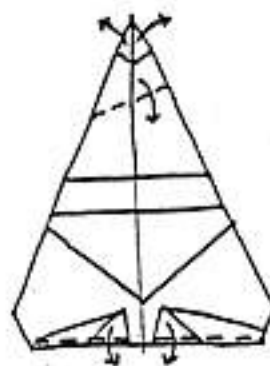


10



11

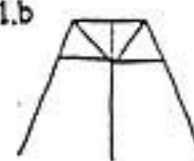
Cambiare colore alla
punta del cappello.



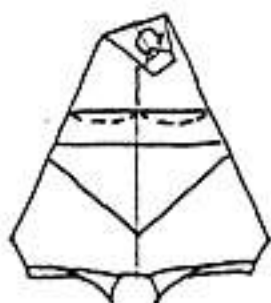
11.a



11.b

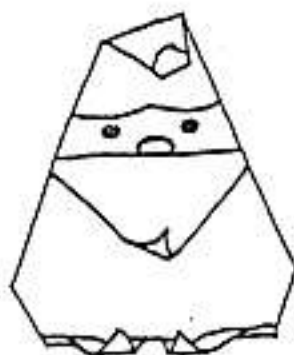


12



Arricciare le punte dei piedi e la barba.
Abbassare le sopracciglia.

13



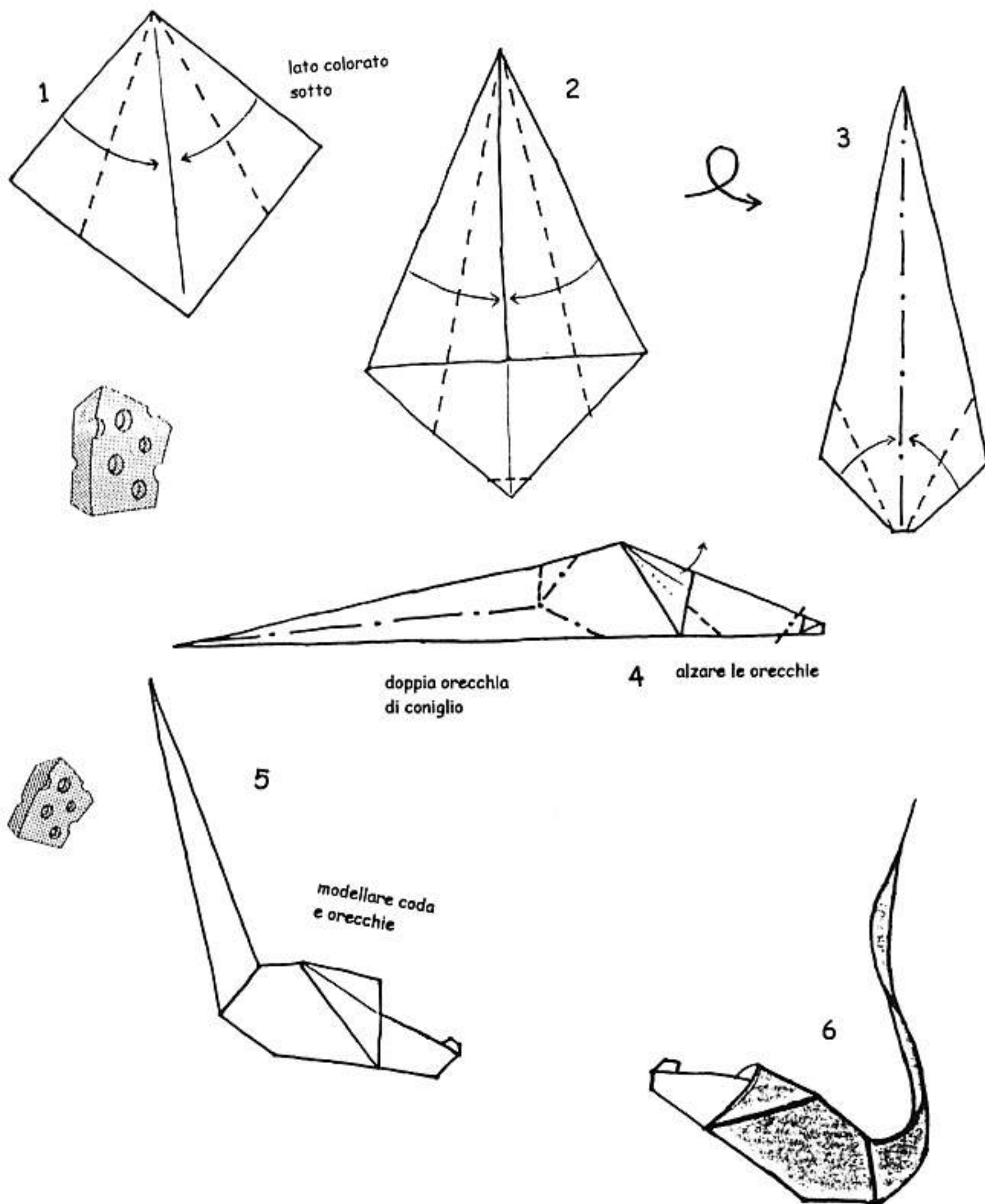
23.9.2002

TOPOLINO (MOUSE)

Simple

di Federico Scalambra

©2004 - Italy

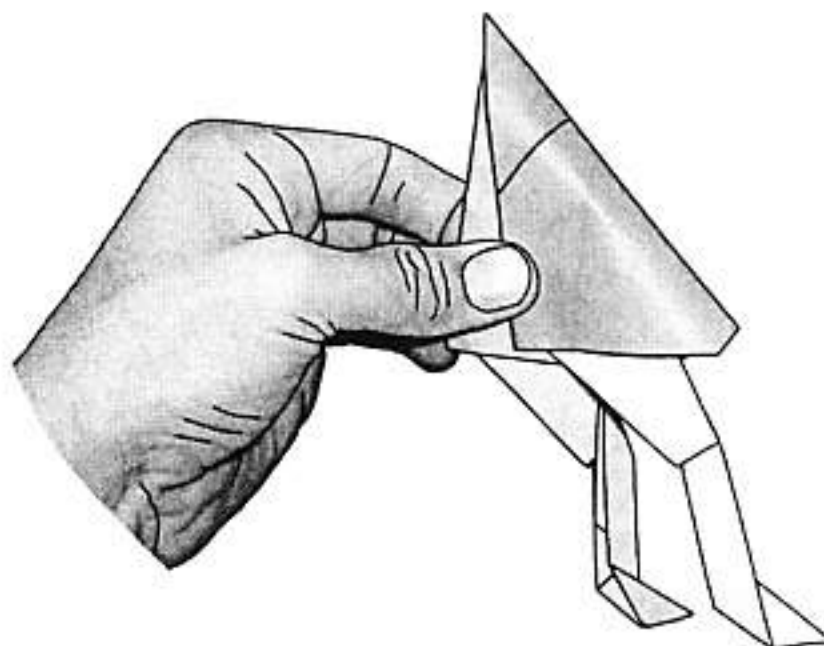


RUNNING NOSE

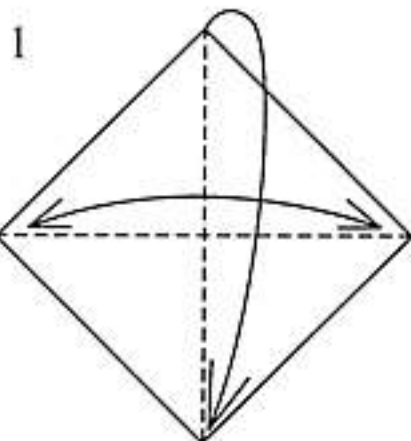
Intermediate

Jeremy Shafer

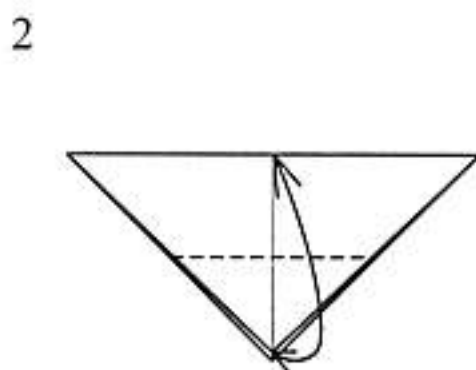
©2004 - California



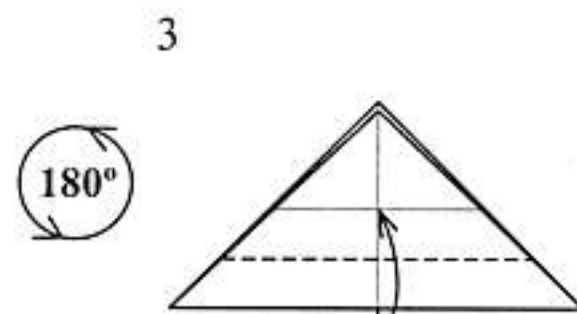
Look out! From around the bend, comes the snot monster. Run while you still can!



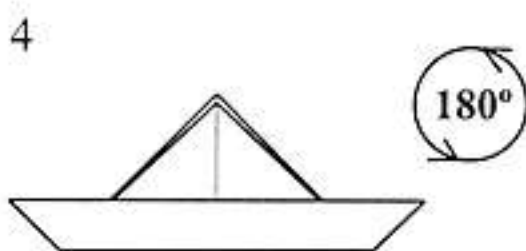
Valley-fold in half vertically and unfold. Valley-fold the top down.



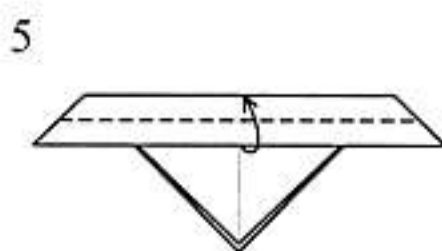
Valley-fold and unfold. Rotate 180°.



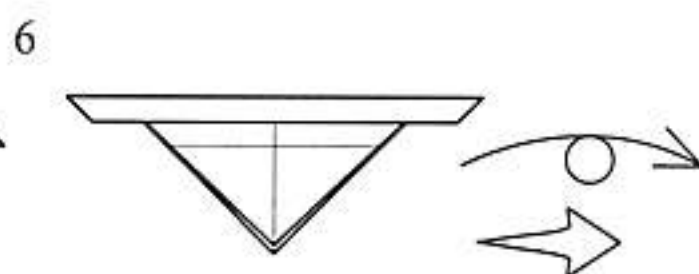
Valley-fold.



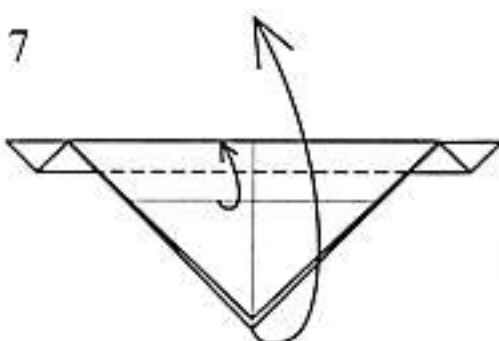
Rotate 180°.



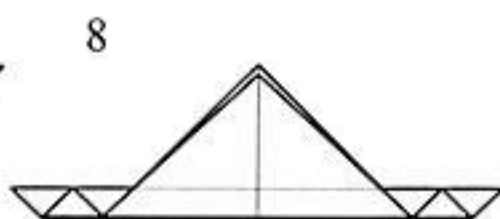
Valley-fold.



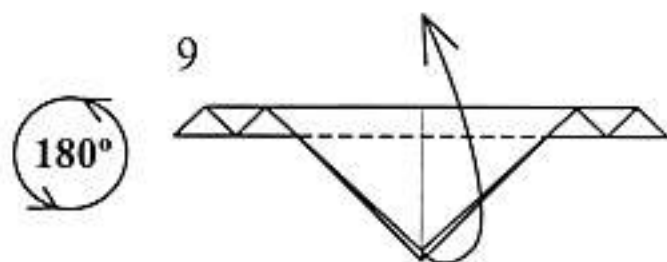
Turn over.



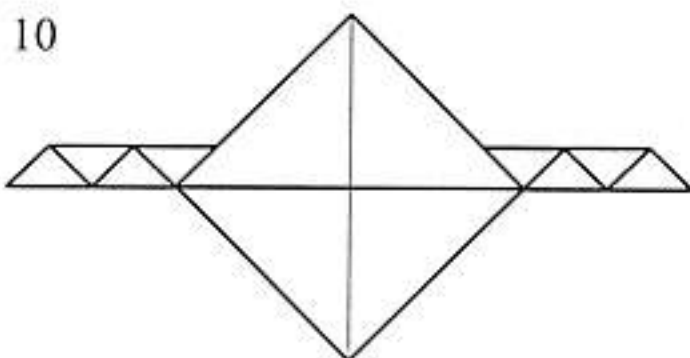
Valley-fold.



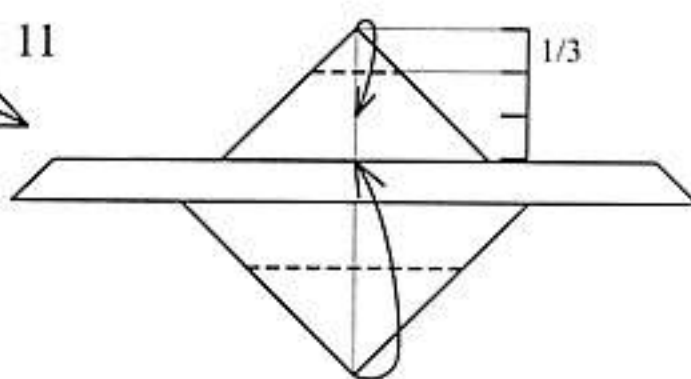
Rotate 180°.



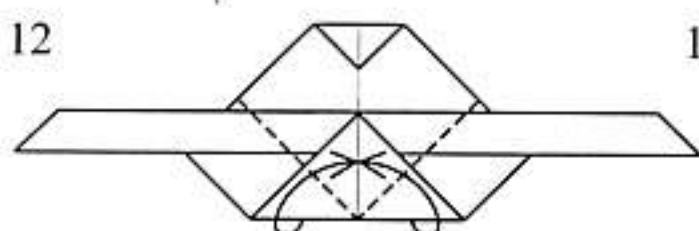
Valley-fold.



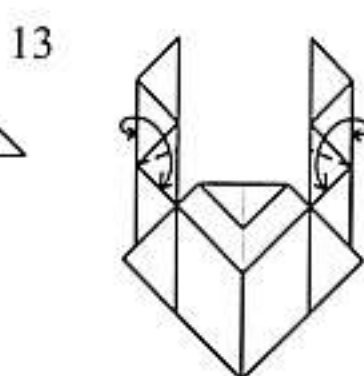
Turn over.



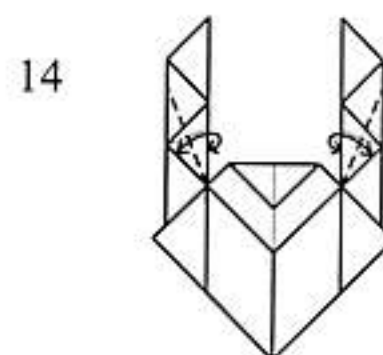
Valley-fold.



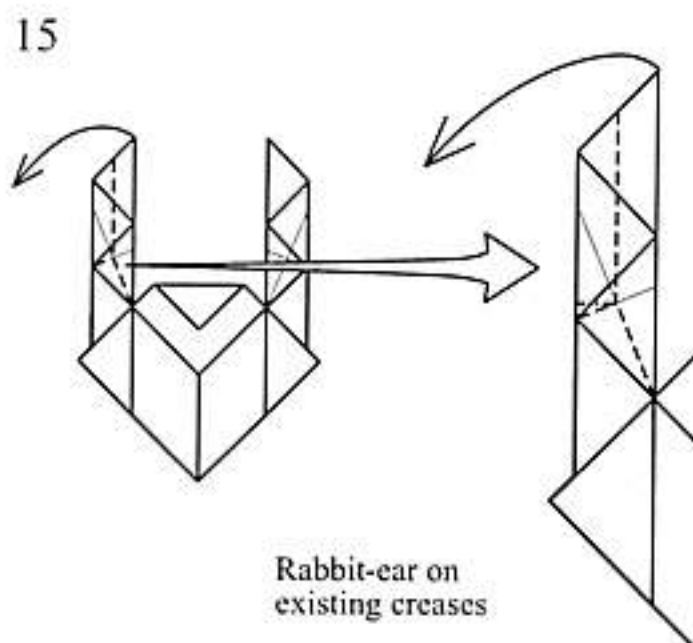
Valley-fold.



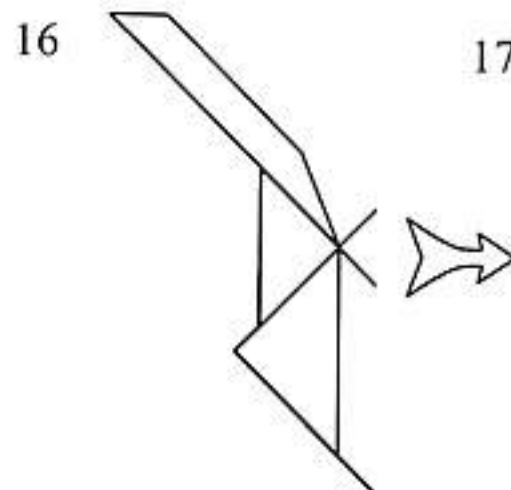
Valley-fold and unfold.



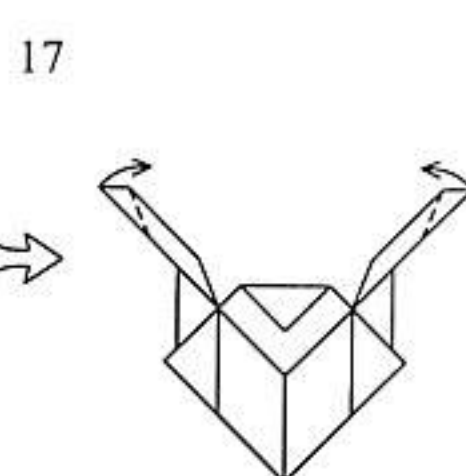
Valley-fold and unfold.



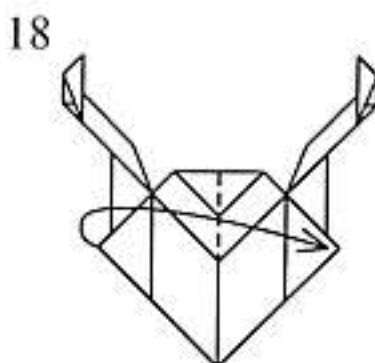
Rabbit-ear on existing creases



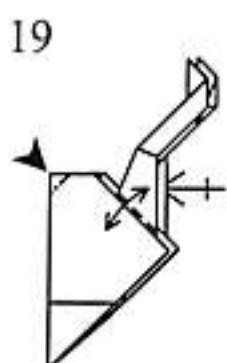
Like this.



Valley-fold.



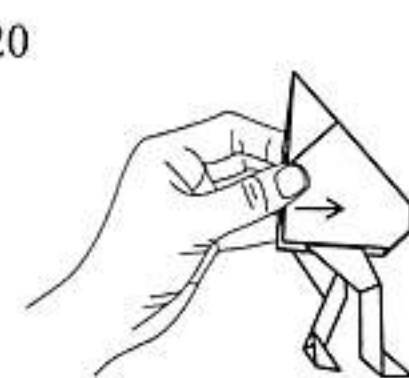
Valley-fold.



Reverse-fold the top tip.
Valley-fold and unfold.
Rotate 180°.



180°

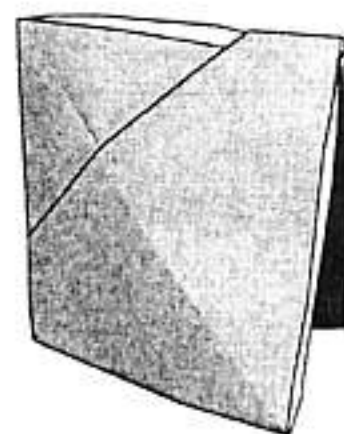


The Running Nose is ready to run a nose-a-thon.
If you valley-fold the legs upward, they can become wings. You can say, "so you've heard of the nose of a plane..." Well, this is just a plane nose."

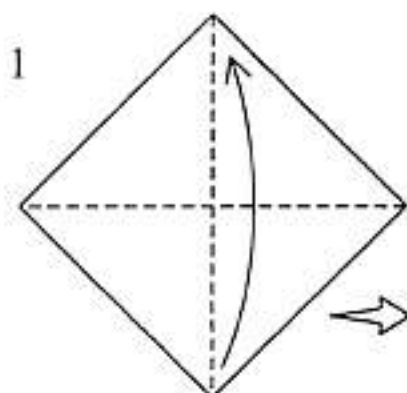
Child-Proof

Unopenable Greeting Card

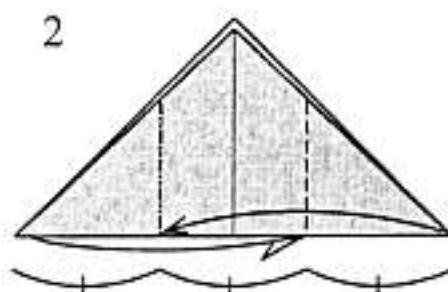
Keeps your
greeting cards
SAFE!



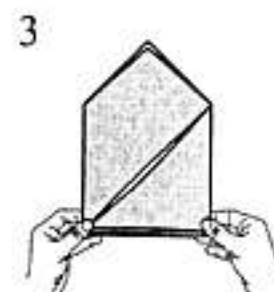
Here's a greeting card that is not nearly as inviting as it looks. It's locked so well that it will frustrate even the most avid unfolders.



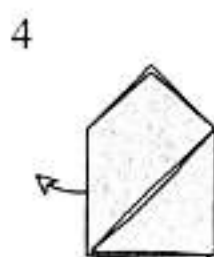
For a hat that will fit an adult human head, begin with a 27-inch square. White side up. Valley-fold and unfold the vertical diagonal. Valley-fold the horizontal diagonal.



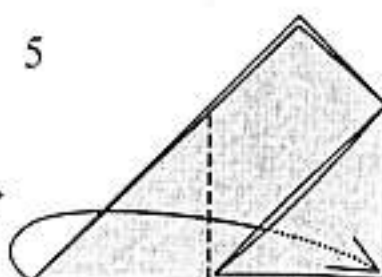
Divide the base of the model into thirds by folding the right side in front and the left side to the back.



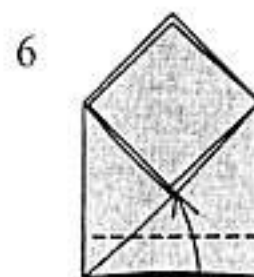
Fiddle with the folds until the thirds are exact.



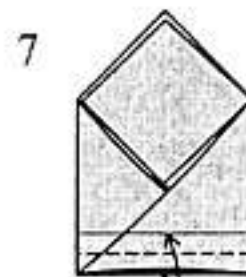
Unfold the rear flap.



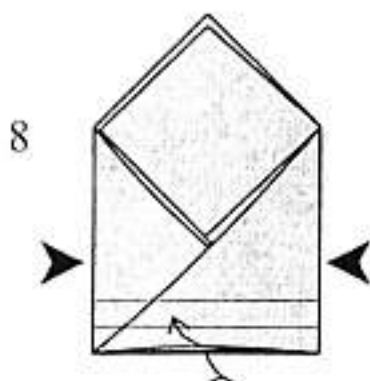
Valley-fold, inserting the flap into the pocket.



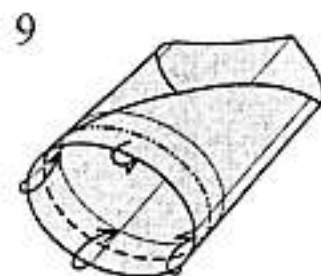
Valley-fold and unfold.



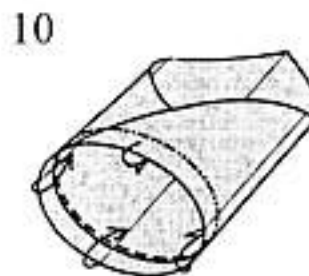
Valley-fold and unfold.



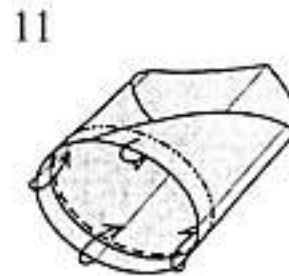
Push the left and right sides inward and sculpt the model to form a tube.



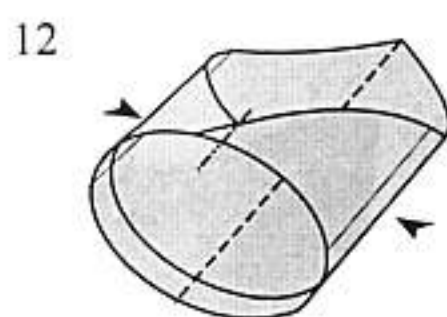
On existing creases, fold the rim of the tube inside.



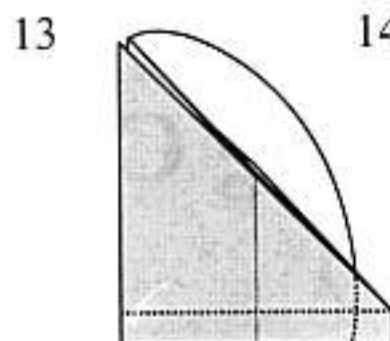
Fold the rim of the tube inside again...



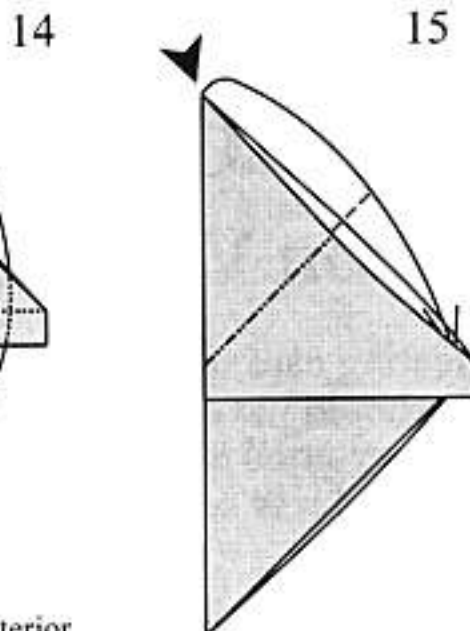
...and again.



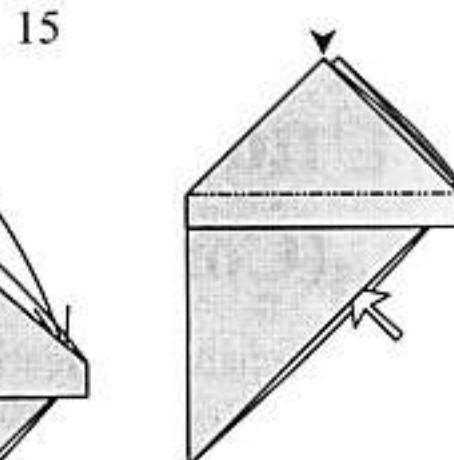
Push the left and right sides of the tube together and flatten.



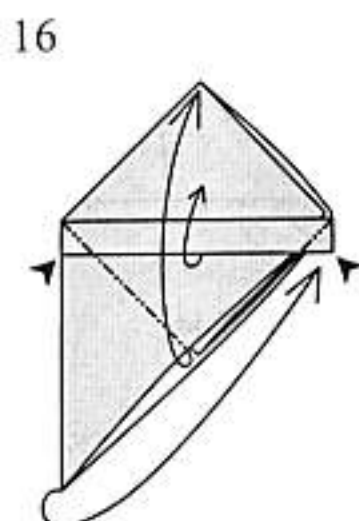
Reverse-fold the interior flap through the flattened tube and pull it out the opposite end.



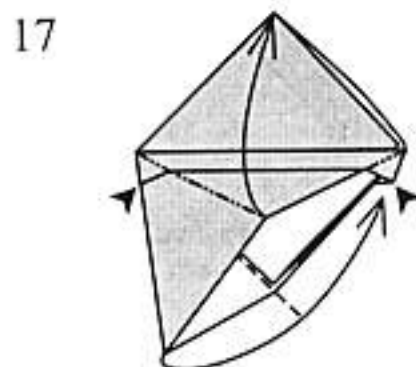
Reverse fold the remaining flap rightward.



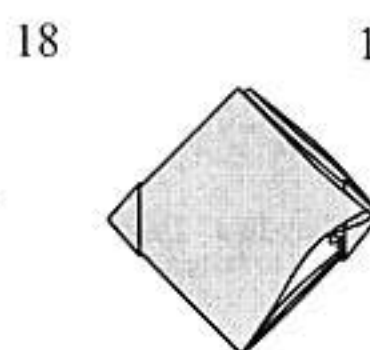
Reverse-fold the top front flap into the slot indicated by the white arrow.



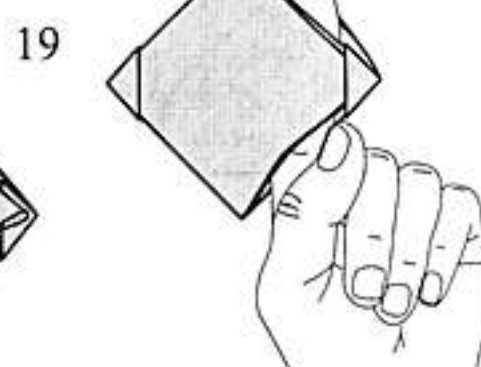
Squash the bottom flap rightward. The thick layer also gets squashed upward.



In progress.



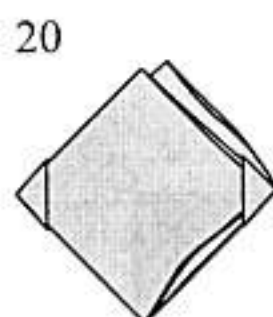
Insert the front flap into the pocket.



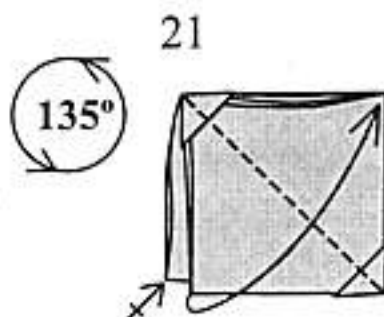
The Unopenable Greeting Card is complete. To make sure that it is correct, insert your finger as indicated above. Now it's time to test the model on a willing victim. Say, "Here's a greeting card with just an origami lock -- no tape or glue. Try to open it."

Ununfoldable Boat

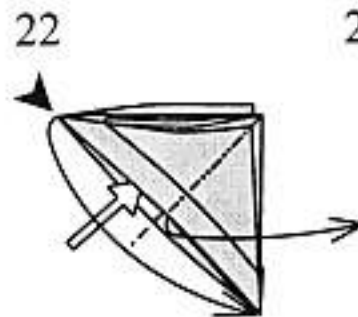
This model floats about as good as an anchor, but in unfolding competitions, it holds up like a battleship!



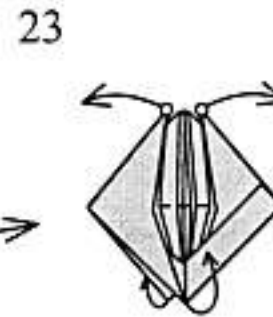
Begin by folding the Unopenable Greeting Card. Rotate 135° counterclockwise.



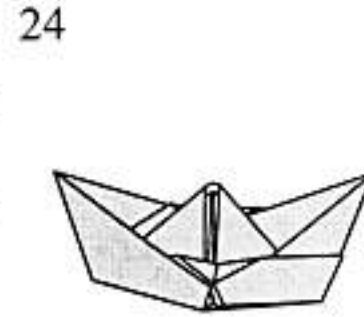
Valley-fold. Repeat behind.



Open the pocket indicated by the white arrow and flatten the model downward so it becomes square.



Pull the two white dots apart, letting the bottom flaps fold upward.

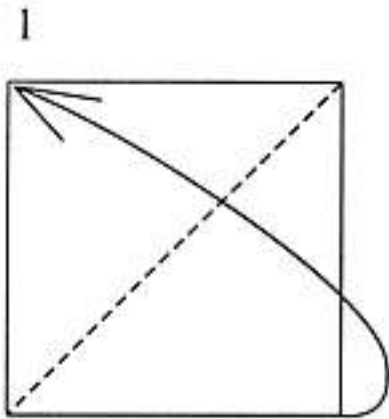
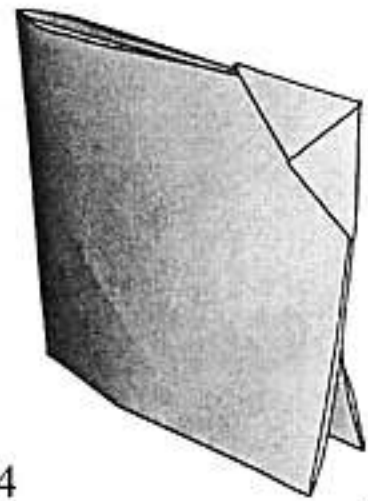


The Ununfoldable Boat is ready to set out to sea who in the world can unfold it.

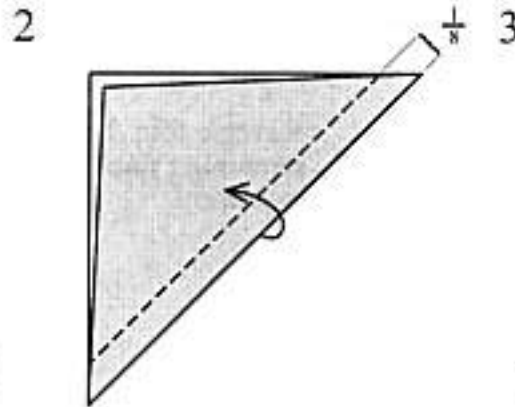
Great for
note-passing!

Unopenable Greeting Card (Consolation Version)

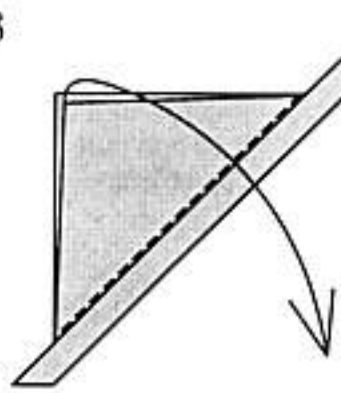
Here's an unopenable greeting card that is a real self esteem booster for the recipient, for they should have no problem opening the model and therefore should feel very good about themselves. But beware, if they can't unfold it, they could risk severe psychological damage.



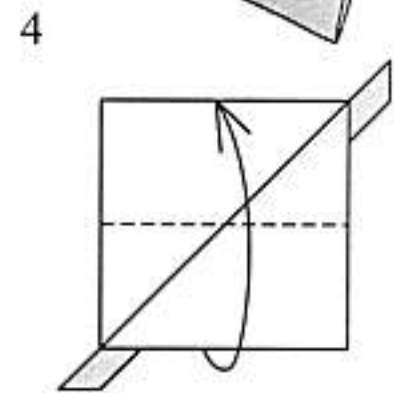
Valley-fold diagonally in half.



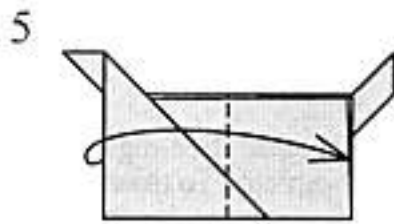
Valley-fold. This fold is really to taste.



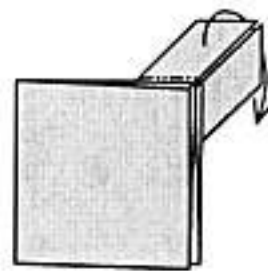
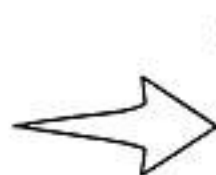
Valley-fold.



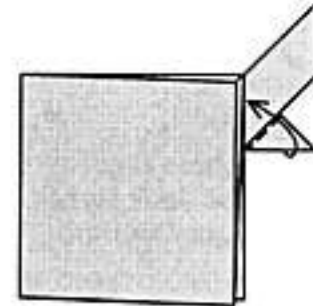
Valley-fold.



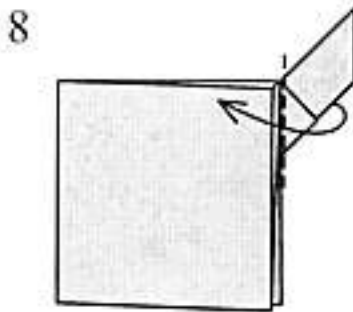
Valley-fold.



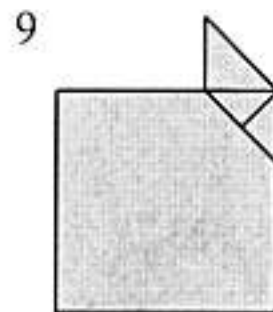
Mountain-fold the flap behind the other.



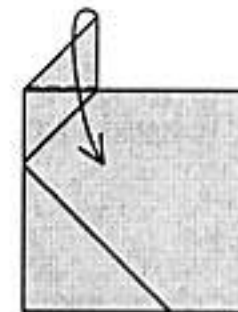
Valley-fold.



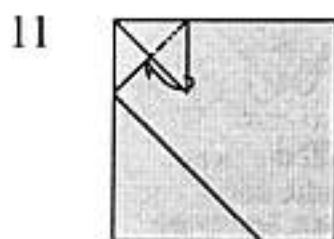
Valley-fold.



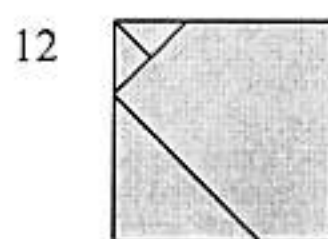
Turn over.



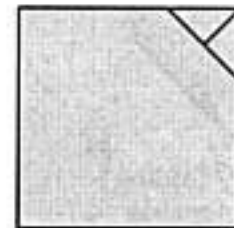
Valley-fold.



Mountain-fold.



Turn over.



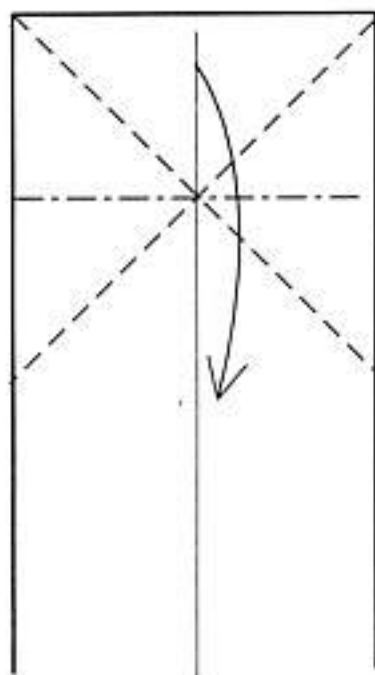
The completed unopenable greeting card, ready to give a self-esteem boost to the organically challenged.

CRANE BOOKMARK

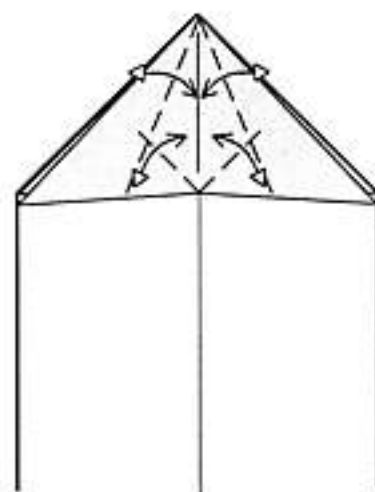
Intermediate

Bob Stack

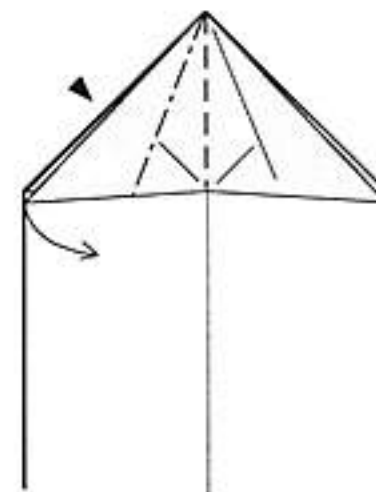
©2004 - Massachusetts



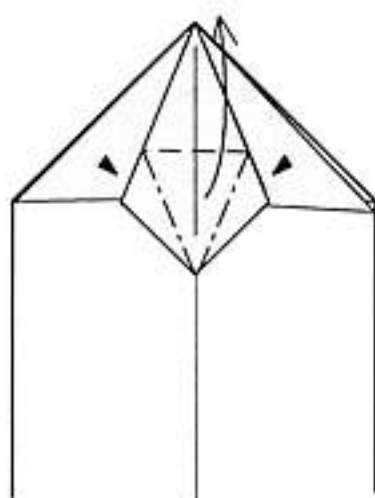
1. Begin with a 1x4 rectangle (2.5" x 10"). Precrease in half lengthwise, and then form a Waterbomb Base at the top.



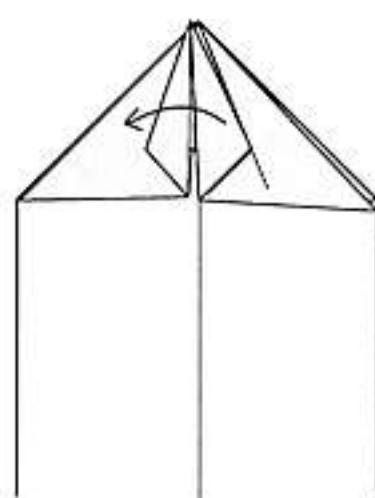
2. Precrease the top flaps where indicated.



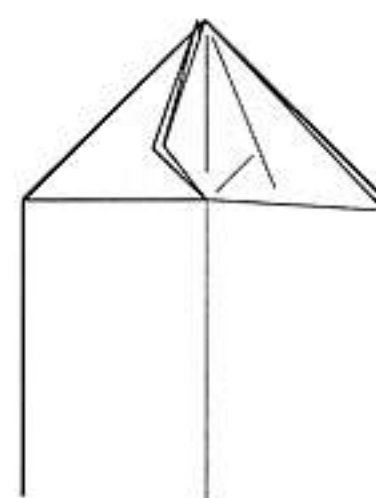
3. Squash fold the side flap.



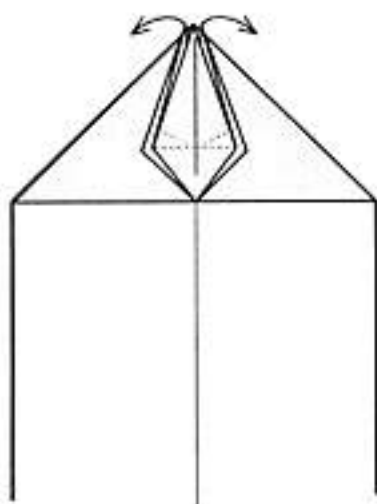
4. Petal fold.



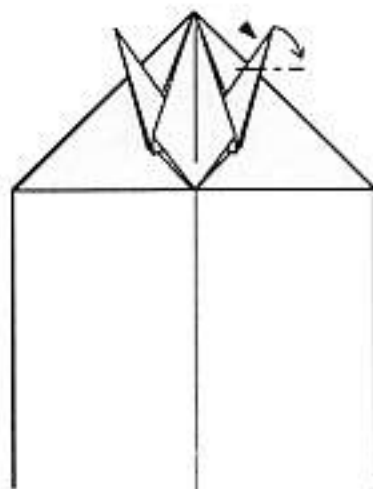
5. Valley fold one flap over.



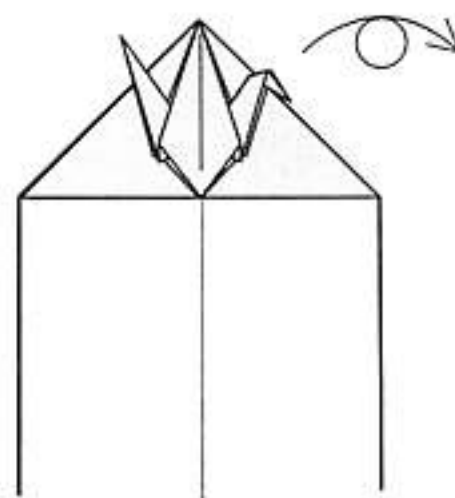
6. Repeat steps 3-5 in mirror image.



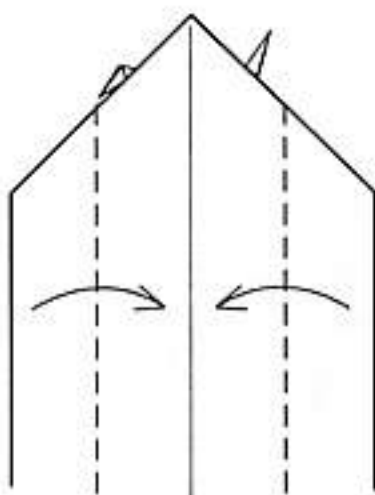
7. Crimp the side points outwards.



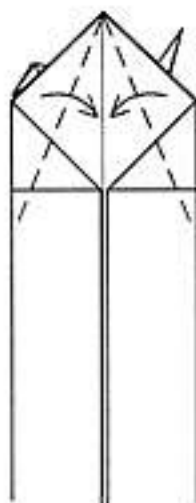
8. Reverse fold.



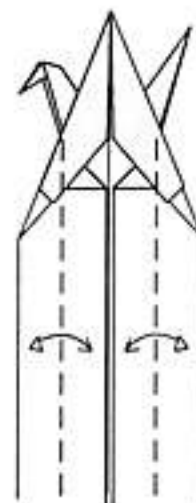
9. Turn over.



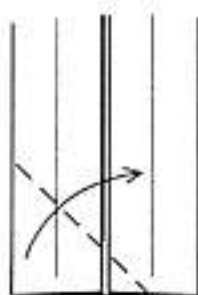
10. Valley fold the sides to the center.



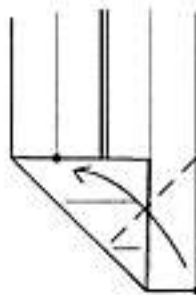
11. Valley fold the top edges to the center.



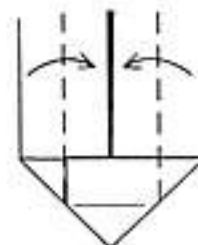
12. Precrease by folding the sides to the center and unfolding.



13. Valley fold over to align with the crease.



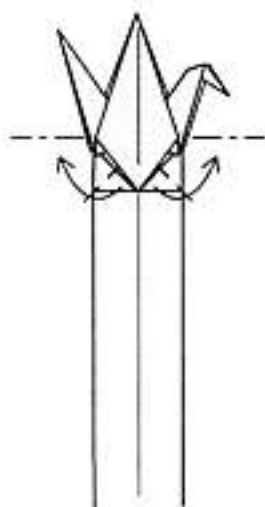
14. Valley fold over.



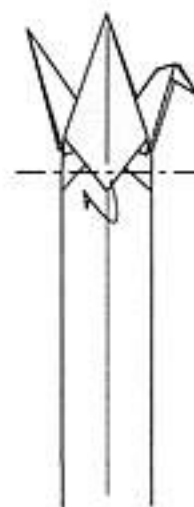
15. Valley fold the sides in along the existing creases.



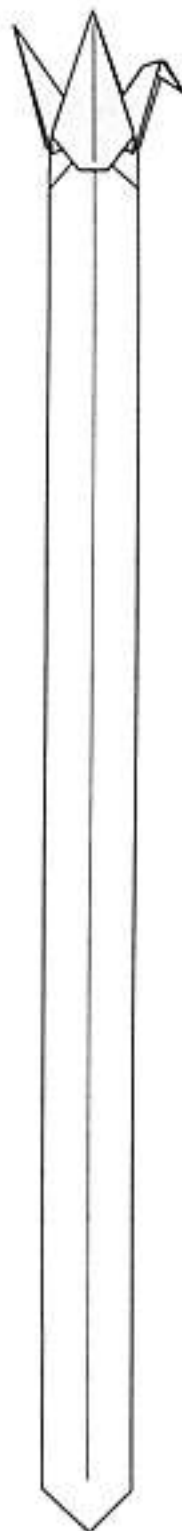
16. Turn over.



17. Swivel the single layers through. You can do a simple valley fold instead if this is confusing.



18. Mountain fold the tip.



19. Completed Crane Bookmark.

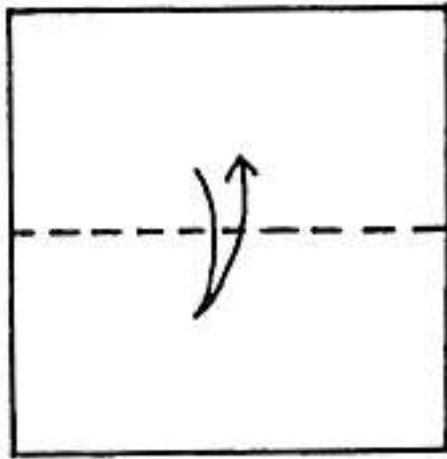
EXTRATERRESTRIALS

Intermediate

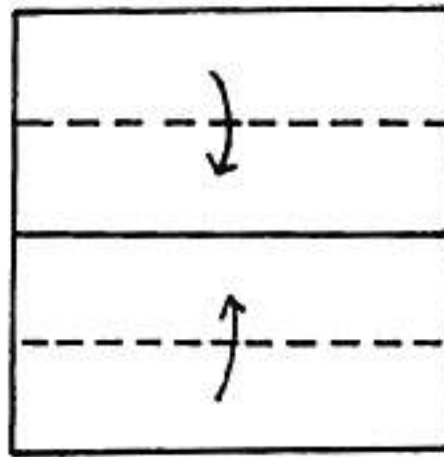
Gregory Suarez

©2004 - New York

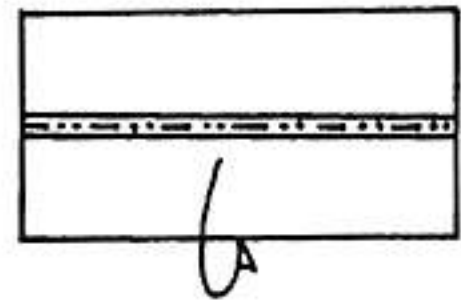
Extraterrestrial #1 - Use foil paper when folding extraterrestrial #1.



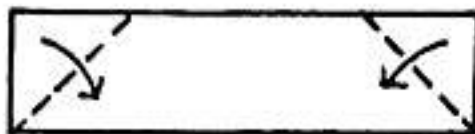
1. Start with the colored side of the paper facing up for colored eyes. Fold in half, then unfold.



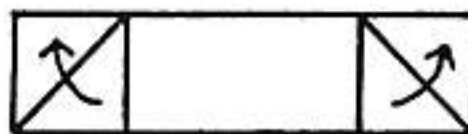
2. Fold the top and bottom edges to the centerline. Note: when folding ET #1 leave a slight space between the two edges to make a thin strip of color. This is not necessary when folding ET #2.



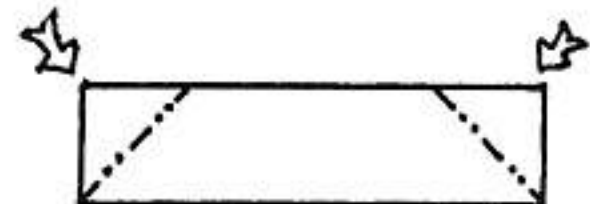
3. Mountain fold the bottom half behind the top half.



4. Fold the corners of the top layer of paper down to the bottom edge.



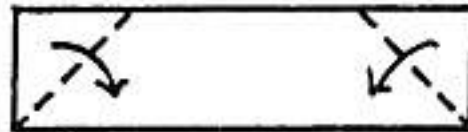
5. Unfold.



6. Push the corners of the top layer of paper inward, inside reverse folding along the crease lines made in step 4.



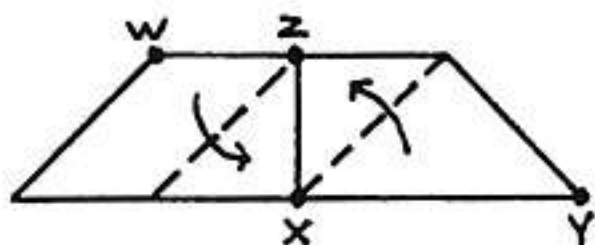
7. Turn the model over.



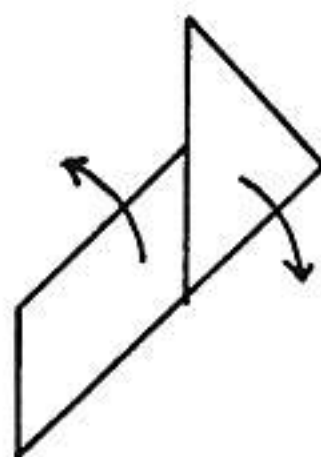
8. Repeat steps 4 to 6.



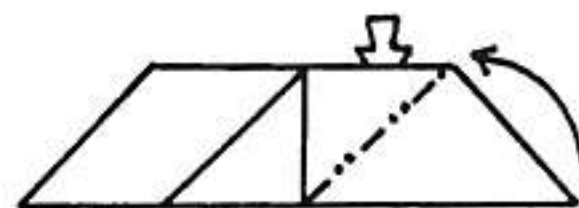
9. Fold in half, then unfold.



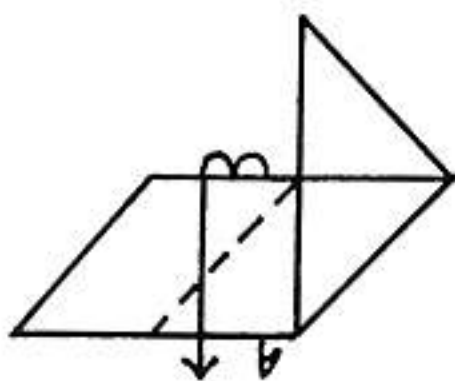
10. Fold line WZ down to centerline ZX, then fold line XY up to centerline ZX.



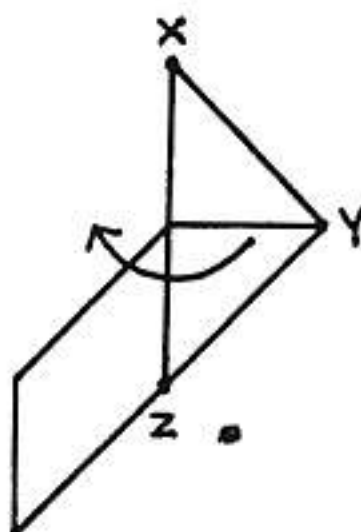
11. Unfold.



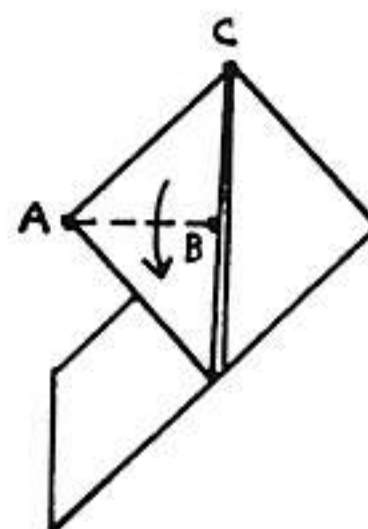
12. Inside reverse fold upward along the crease line.



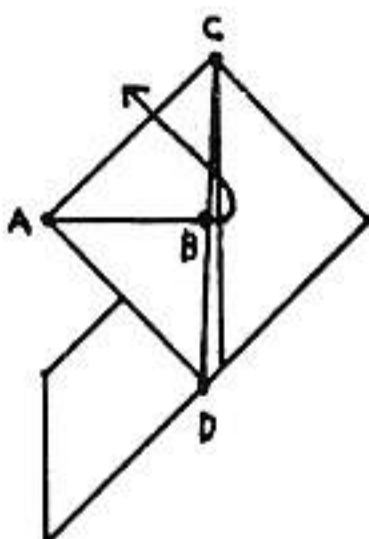
13. Outside reverse fold downward along the other crease line.



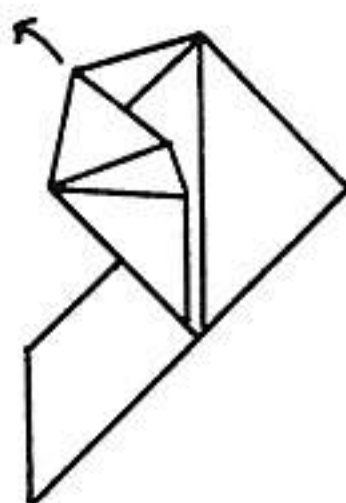
14. Fold the top layer of triangle XYZ to the left.



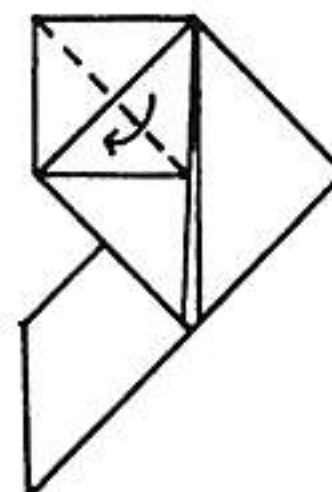
15. Fold the top layer of triangle ABC downward.



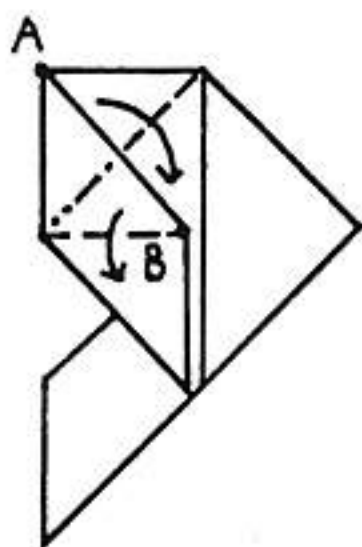
16. Open triangle CAD and flatten it into a square by pulling point B upward and to the left. Figure 16A shows you how to do this.



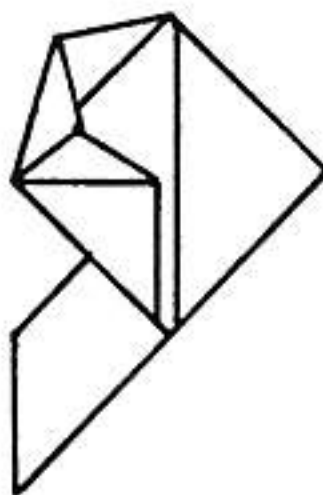
16A.



17. Fold the top layer of the flattened square downward along the diagonal line as shown.



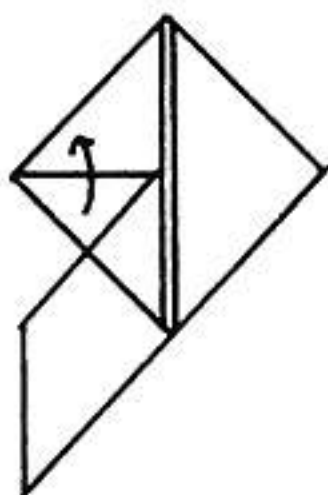
18. Pull point A downward to point B. This will create a triangular flap as shown in figures 18A and 18B.



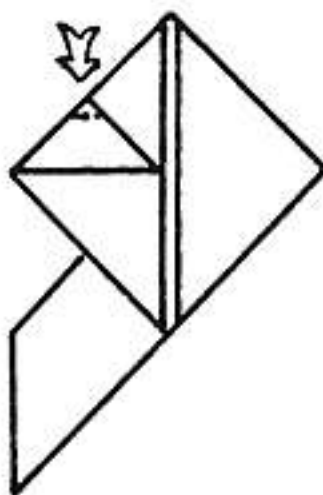
18A.



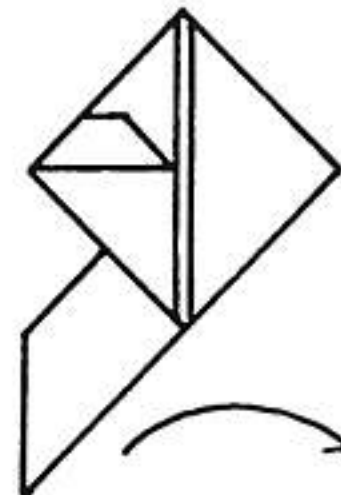
18B.



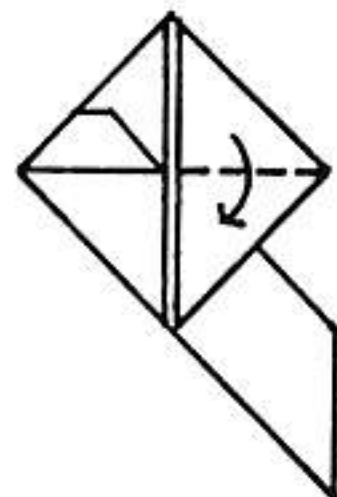
19. Fold the triangular flap upwards.



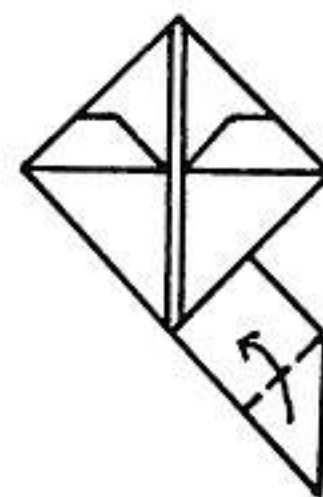
20. Sink fold the tip of the triangular flap inward. This completes one of the extraterrestrial's eyes.



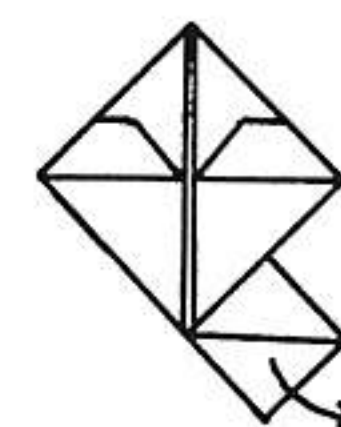
21. Before folding the second eye shift the lower part of the model to the other side. This will prevent the head of the finished model from tilting to one side.



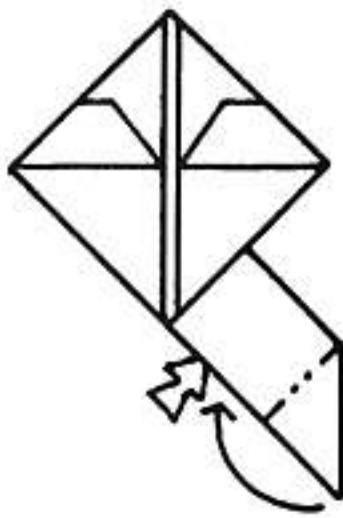
22. Repeat steps 15 to 20 to form the second eye.



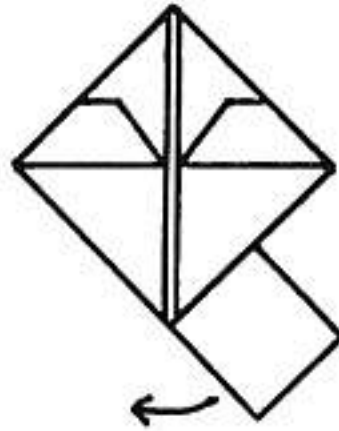
23. Valley fold as shown.



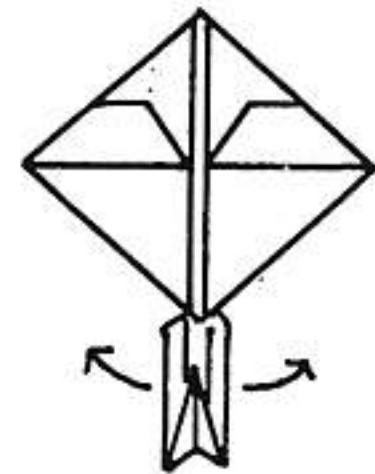
24. Unfold.



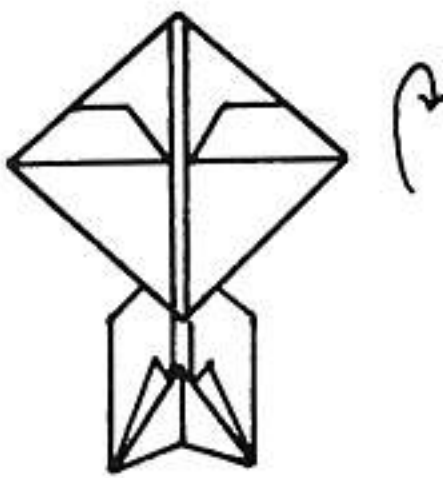
25. Inside reverse fold.



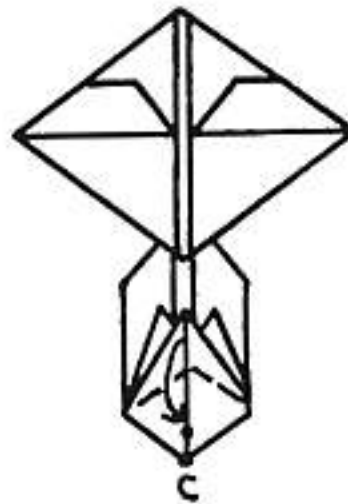
26. Shift the lower part of the model to the left until it is in line with the centerline of the head.



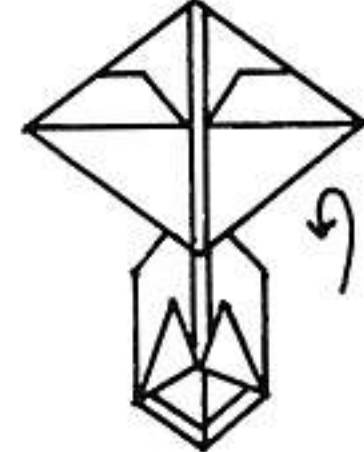
27. Spread the lower part of the model open.



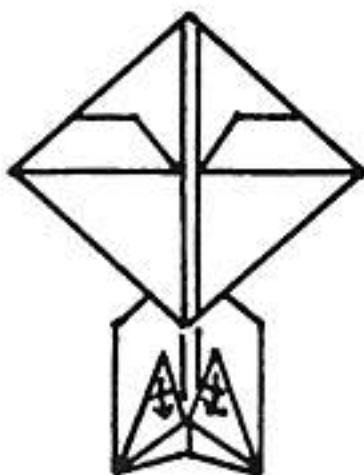
28. Tilt the whole model back.



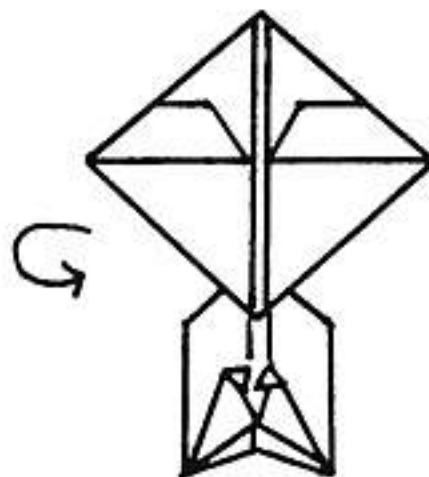
29. Fold the tip of the diamond-shaped flap partway to point C, which is the rear point of the model. Do not fold the tip of the flap all the way to point C or the model will have shaky balance.



30. Hold the model so that it is vertical again.



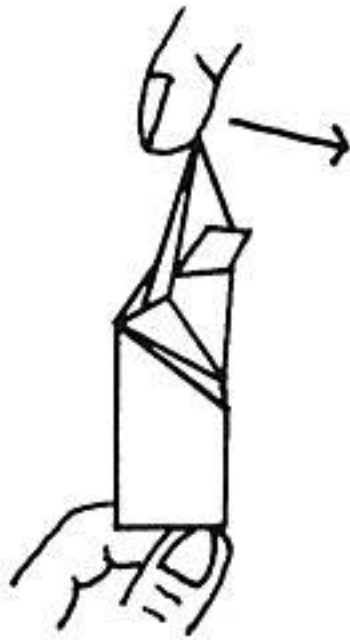
31. Fold the tips of the two triangular flaps down to form the extraterrestrial's hands.



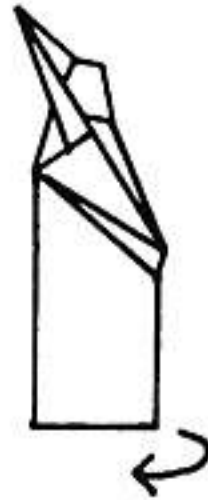
32. Once the hands have been completed pick up the model and hold it sideways.



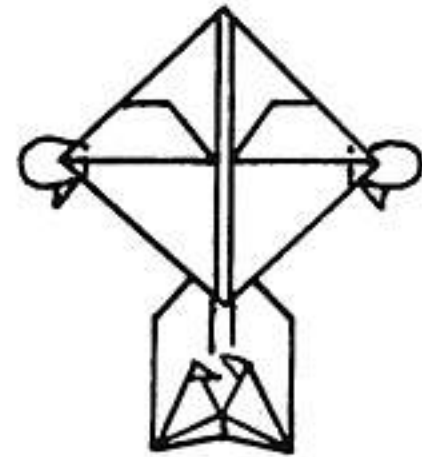
33. You will notice that the head tilts back at an angle. To reduce this tilt pull the top of the head forward with your fingertip.



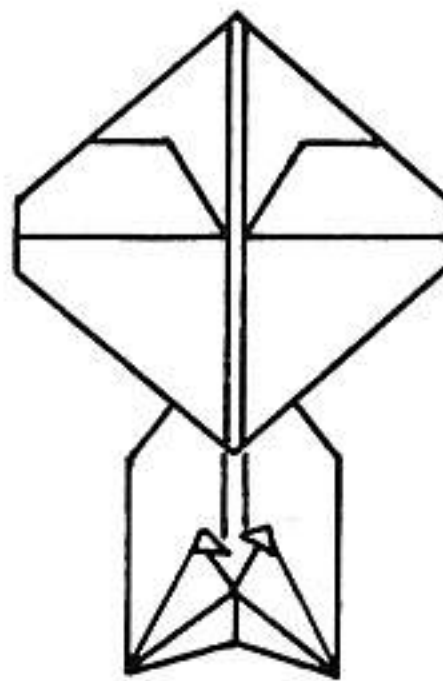
34. Hold the head forward for a moment and then release it. When you release it the head will still tilt back, but the angle of tilt will be slightly less.



35. Turn the model so that the front faces you.

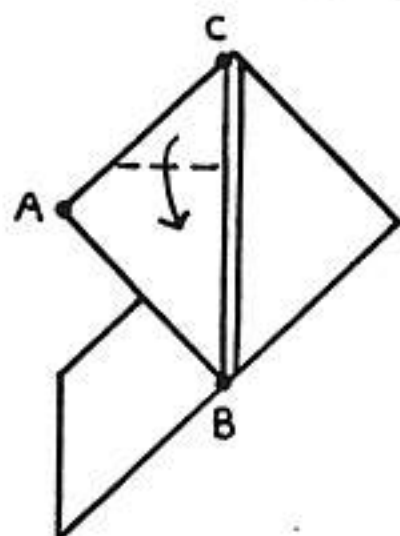


36. Mountain fold the corners on the side of the head.

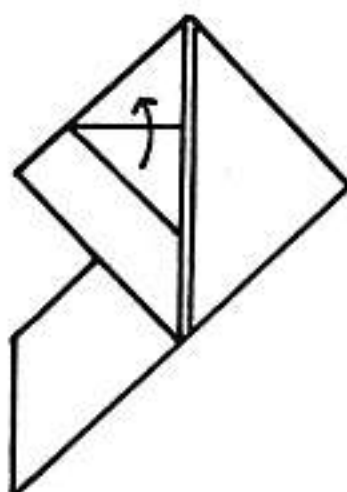


Extraterrestrial #1 completed.

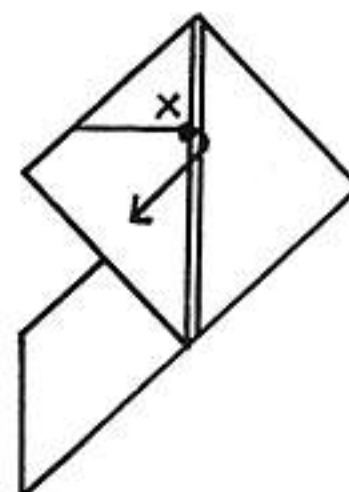
Extraterrestrial #2 - Extraterrestrial #2 is basically the same as extraterrestrial #1 except that the eyes are folded differently. For ET #2 use standard origami paper. Start with the white side up. Begin by folding the paper according to steps 1 to 14 of ET #1.



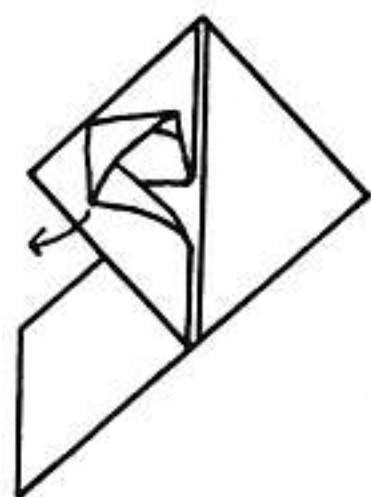
1. Fold the top layer of triangle CAB down as shown to create a triangular flap. The space above and below the flap should be equal.



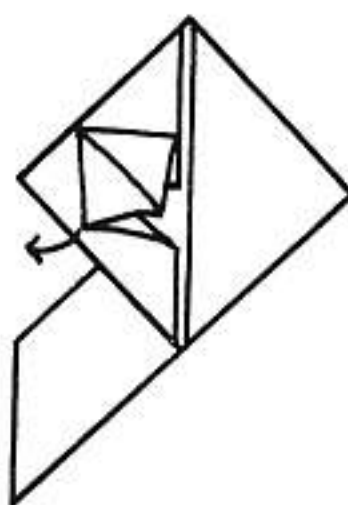
2. Fold the triangular flap back up.



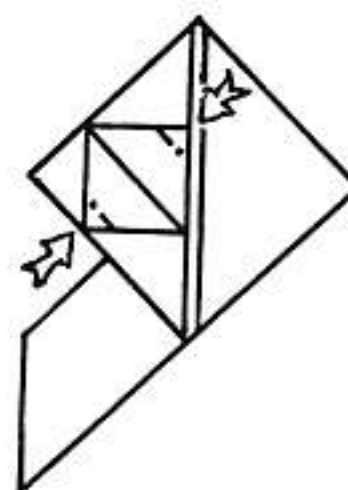
3. Pull point X down and to the side. The triangular flap will spread open; you then flatten it to form a square as shown in figures 3A and 3B.



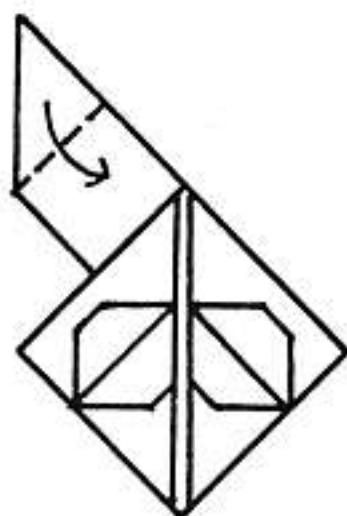
3A.



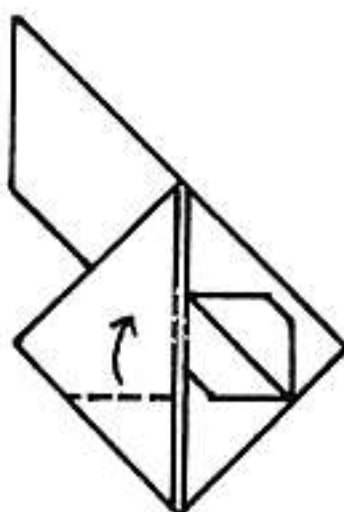
3B.



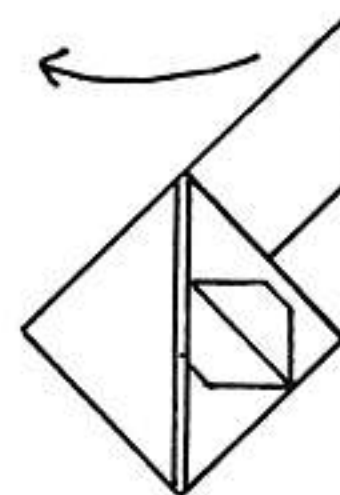
4. Sink fold the corners of the square inward. This completes the first eye.



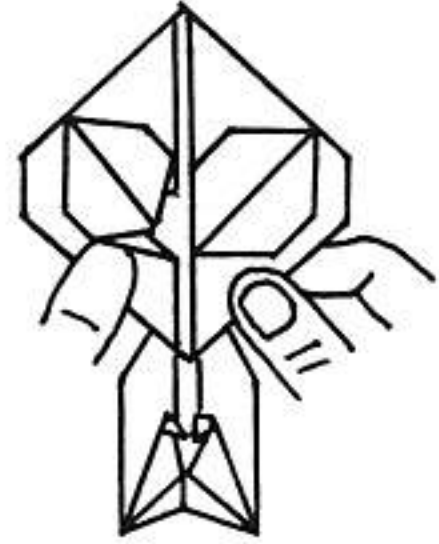
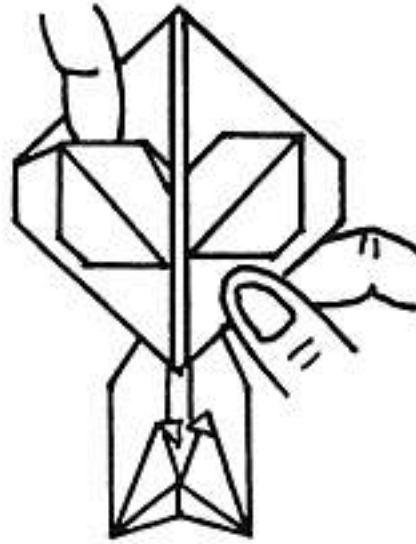
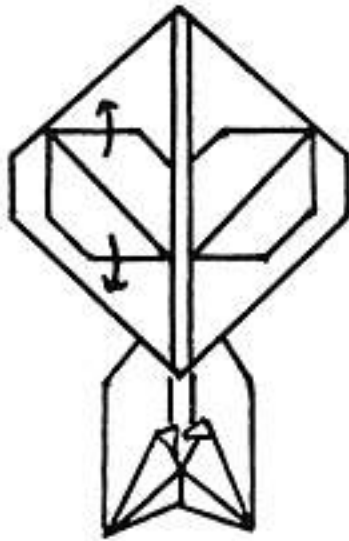
5. As in ET #1 shift the lower part of the model to the other side before folding the second eye. This will keep the head of the finished model from tilting to one side.



6. Repeat steps 1 to 4 to create the second eye.



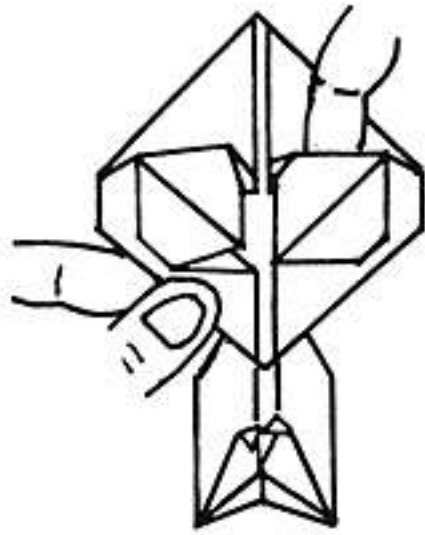
7. Valley fold as shown, then shape the lower part of the model into the extraterrestrial's body and arms by following steps 24 to 36 of ET #1.



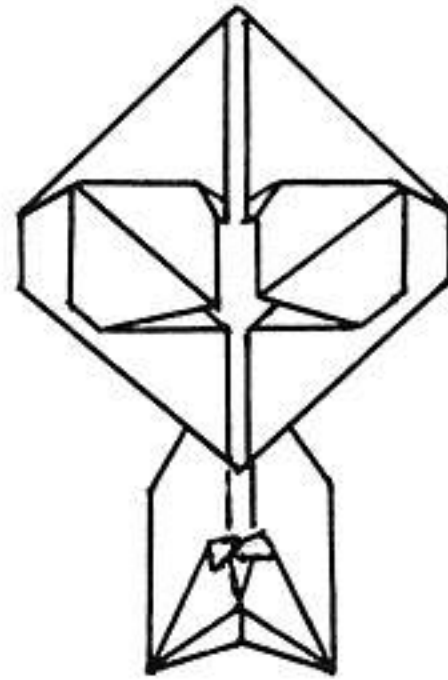
8. Use a fingertip to separate the eyes from the flat head surface by pulling forward slightly on the upper and lower edges of the eyes. Figures 8A and 8B show you how to complete one eye.

8A.

8B.



9. Repeat step 8 on the other eye.

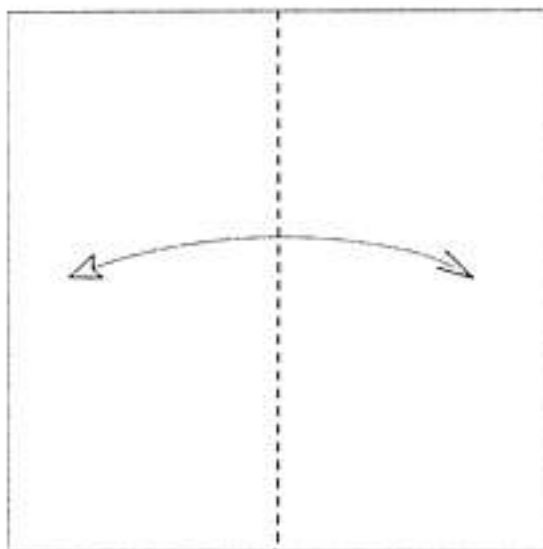
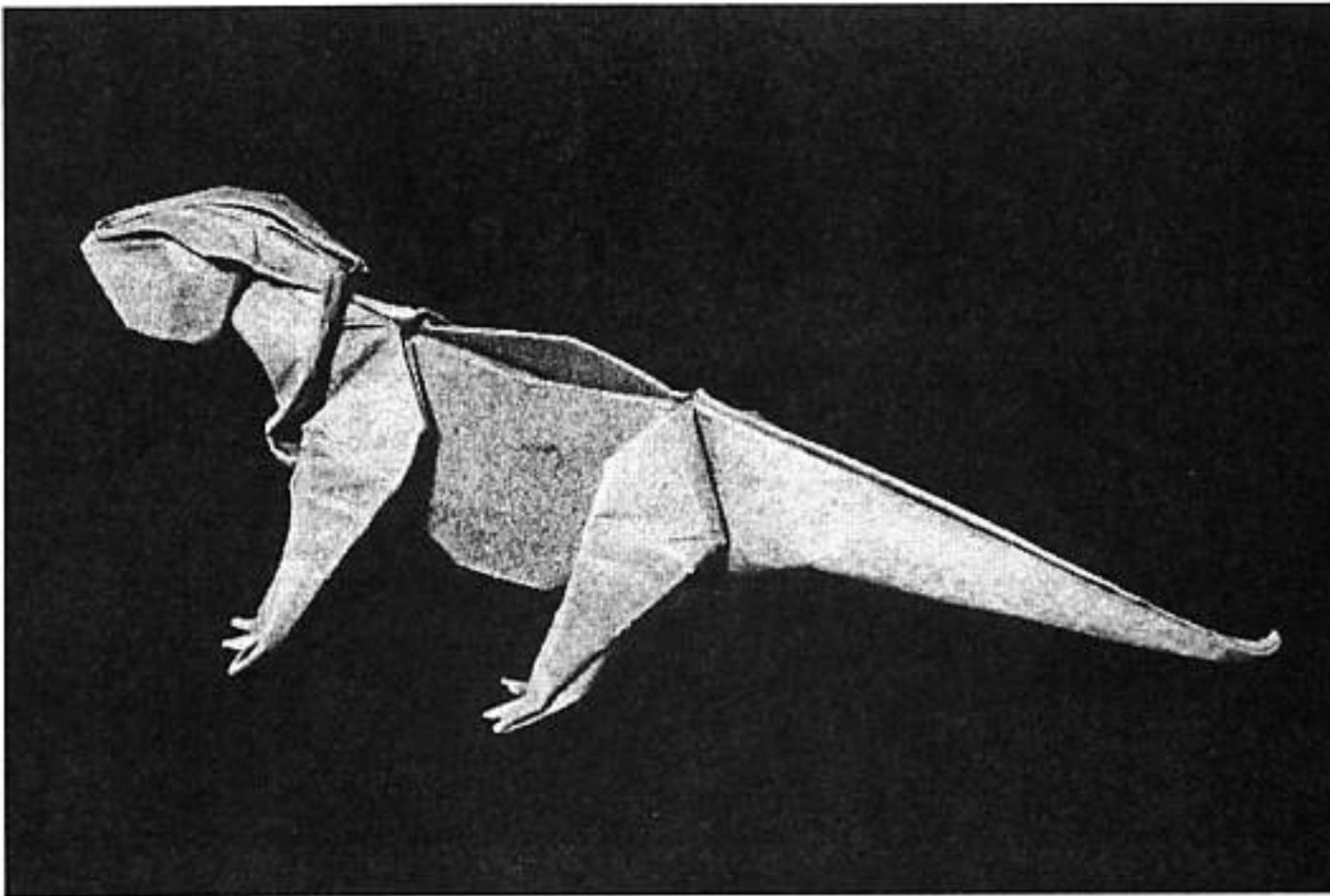


Extraterrestrial #2 completed.

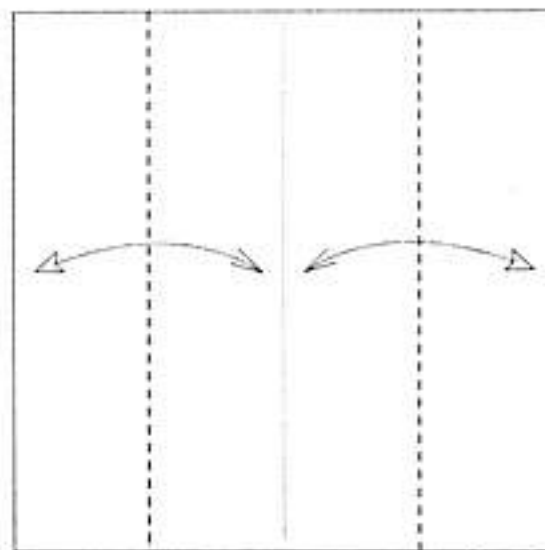
LIZARD

Complex

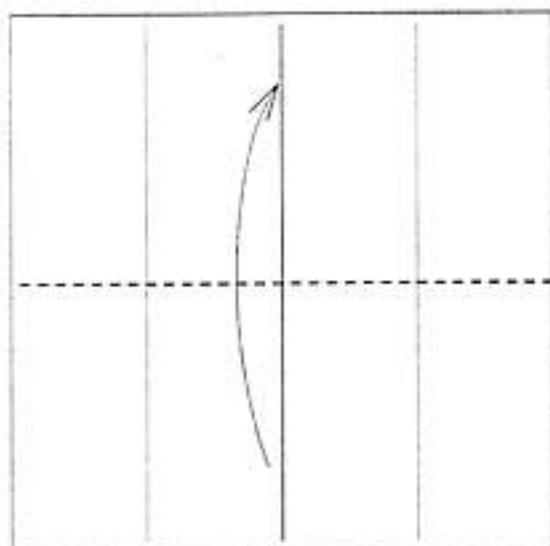
John Szinger
©2004 - New York



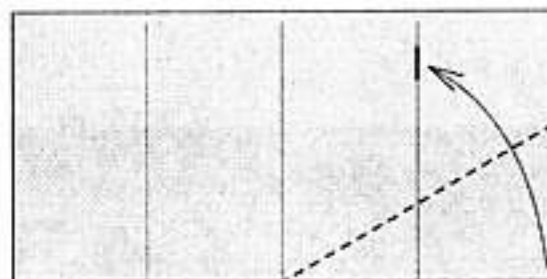
1. Fold and unfold.



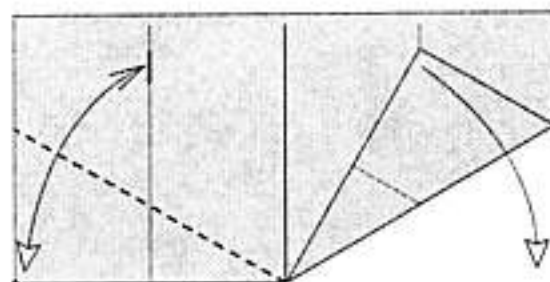
2. Fold and unfold.



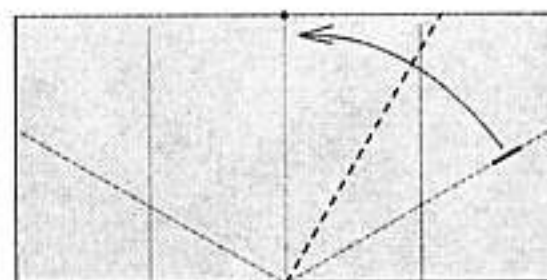
3. Fold the bottom half up.



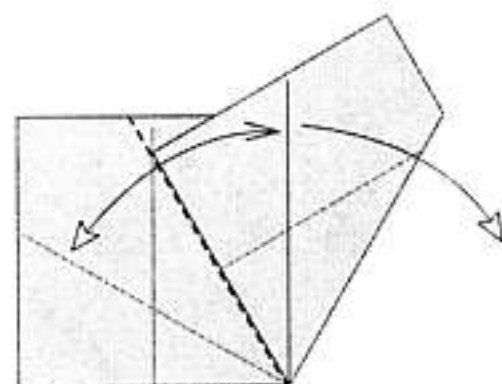
4. Fold the corner to lie against the crease. This forms a 30 degree angle.



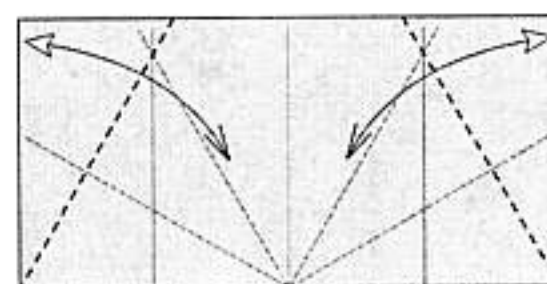
5. Repeat on other side and unfold both sides.



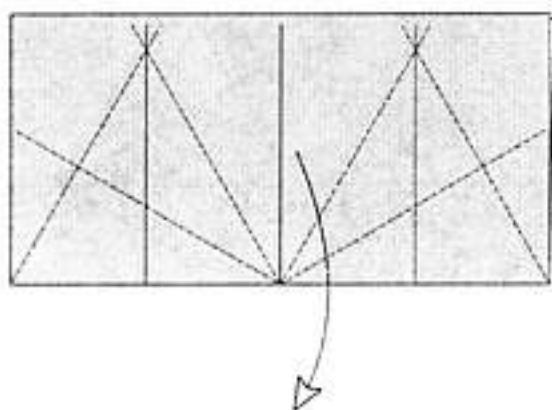
6. Fold so the crease from step 4 lies against the midline. This forms a 60 degree angle.



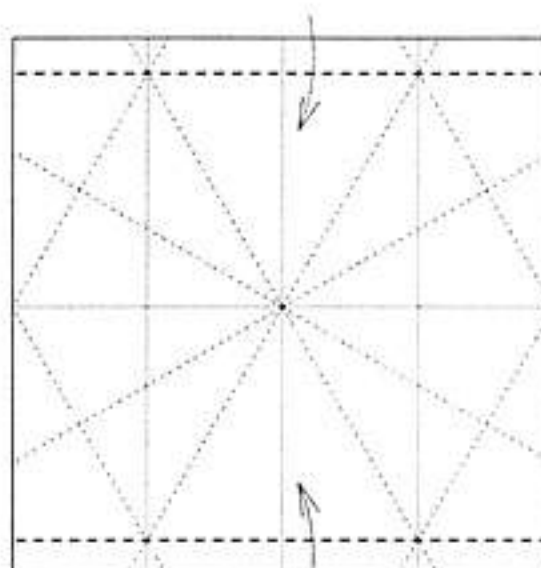
7. Repeat on other side and unfold both sides.



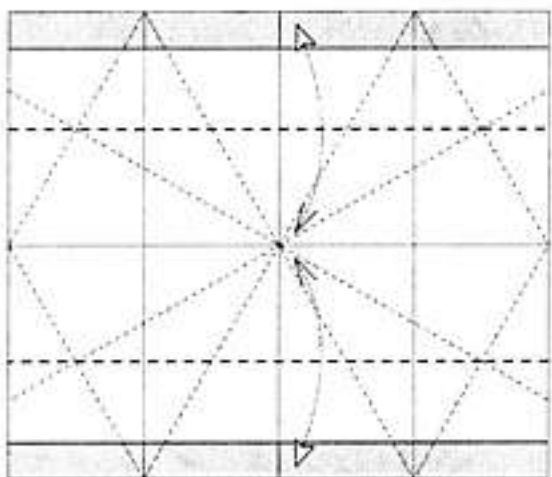
8. Fold and unfold thru both layers on both sides.



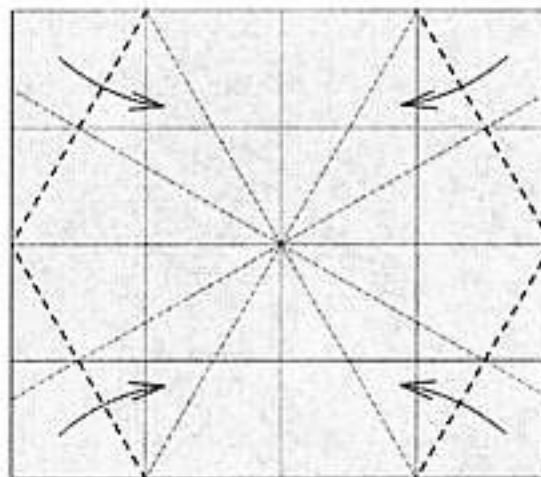
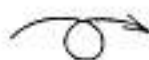
9. Unfold everything.



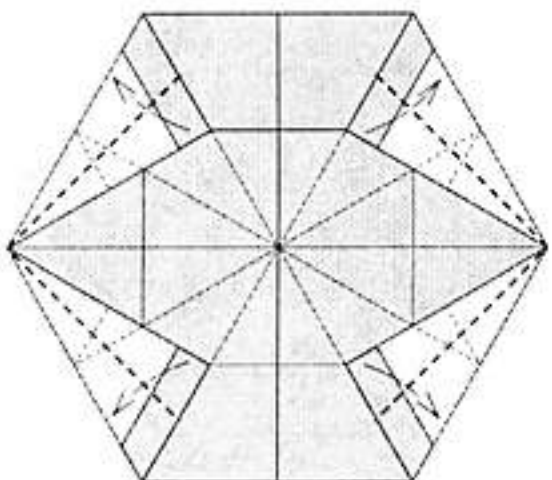
10. Fold over edges at top and bottom.



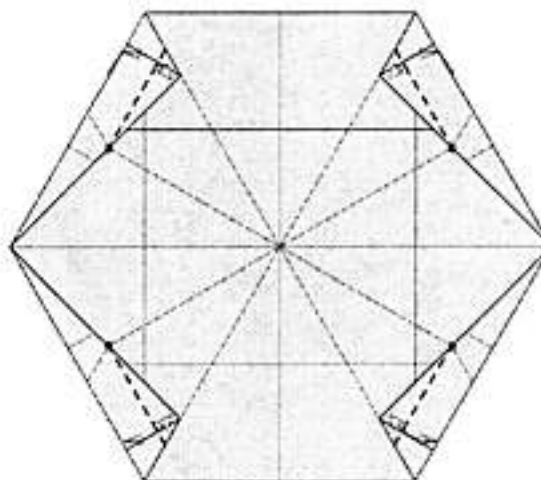
11. Fold edges to the centerline and unfold.
Turn the model over.



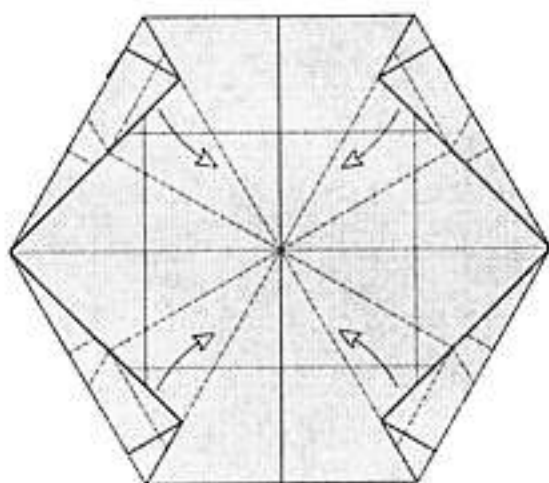
12. Fold the corners in.



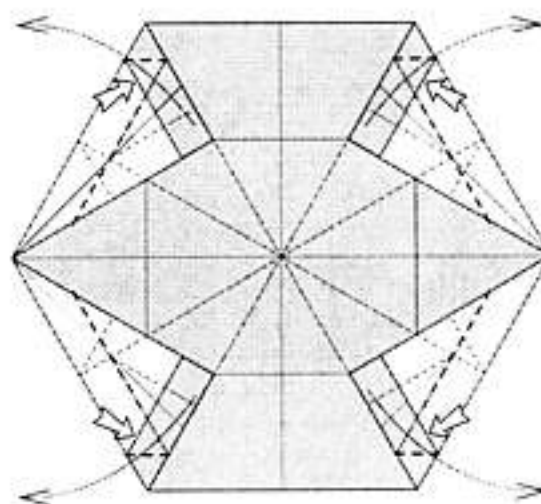
13. Fold the corners out. The next several steps
concentrate on forming the toes.



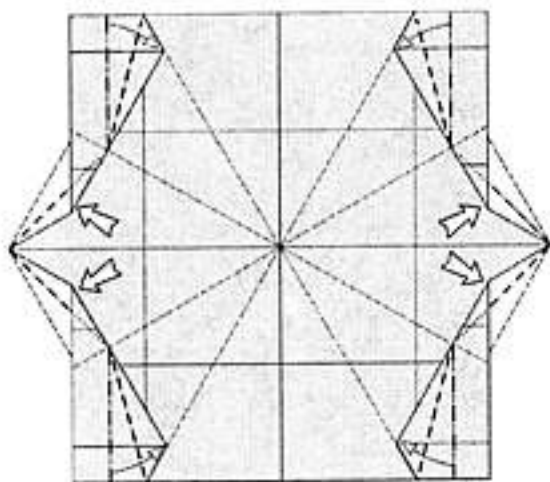
14. Fold and unfold. Note the landmark points;
the tip lands short of the edge.



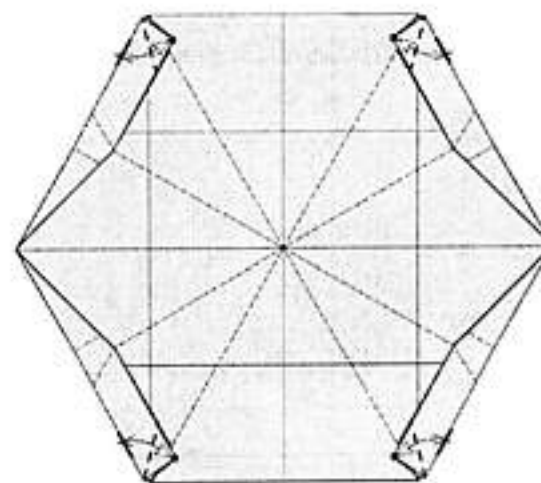
15. Unfold step 13.



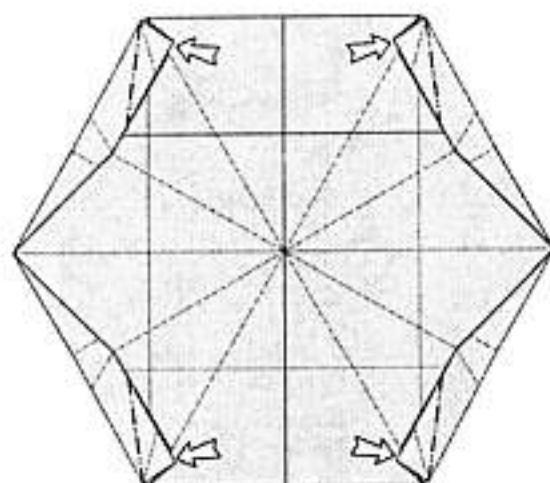
16. Squash folds.



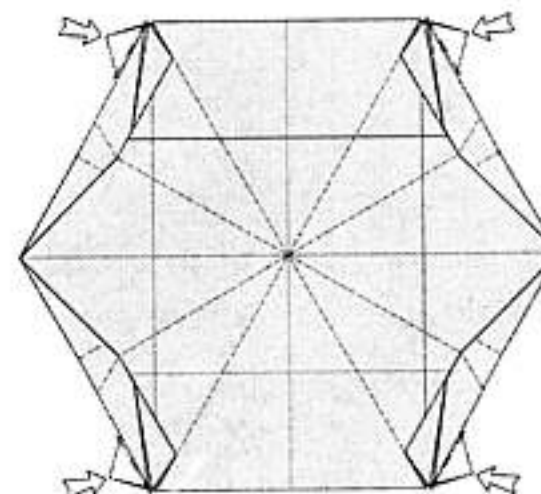
17. Squash folds.



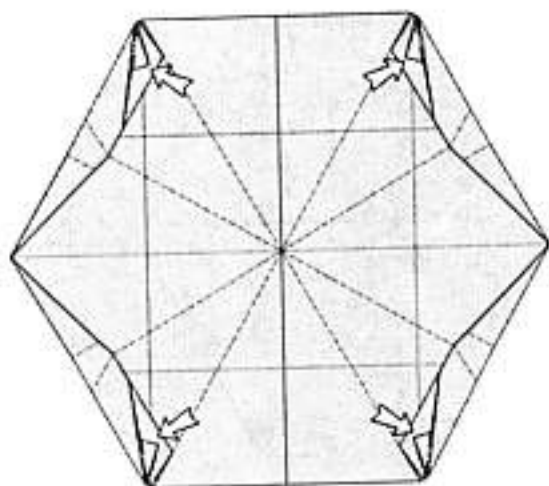
18. Fold and unfold.



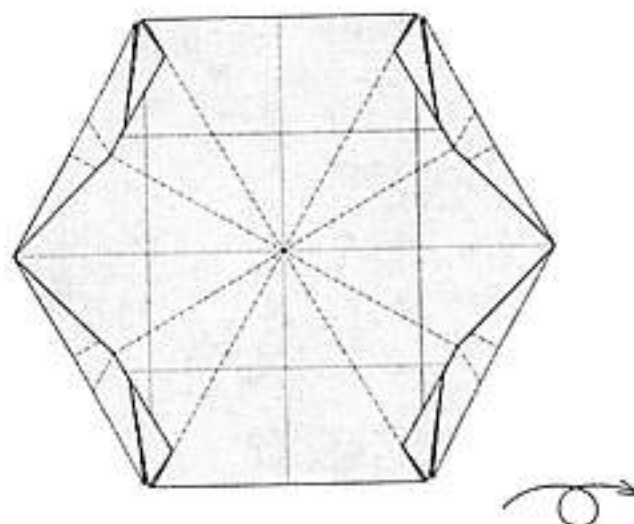
19. Reverse folds.



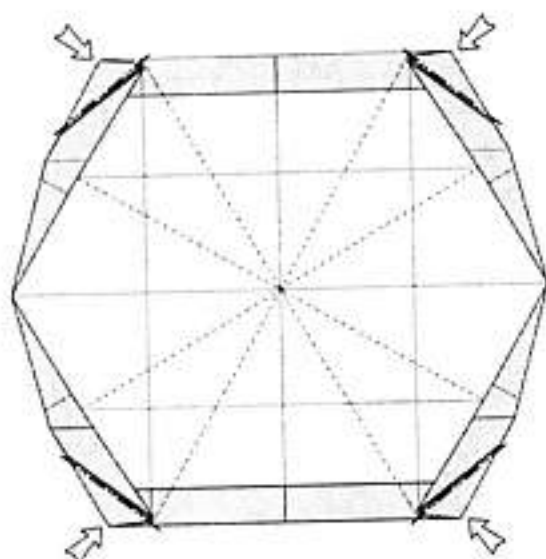
20. Reverse folds.



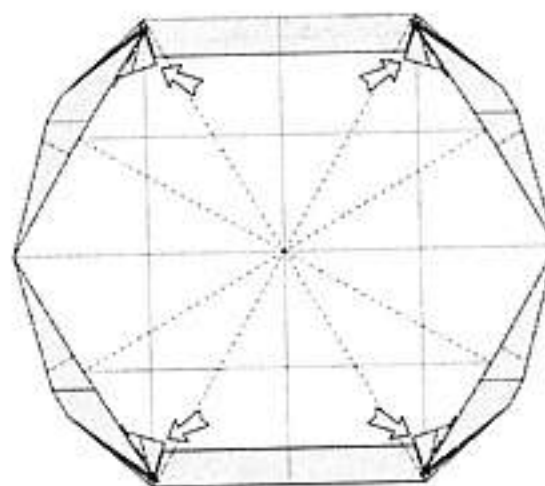
21. Reverse folds.



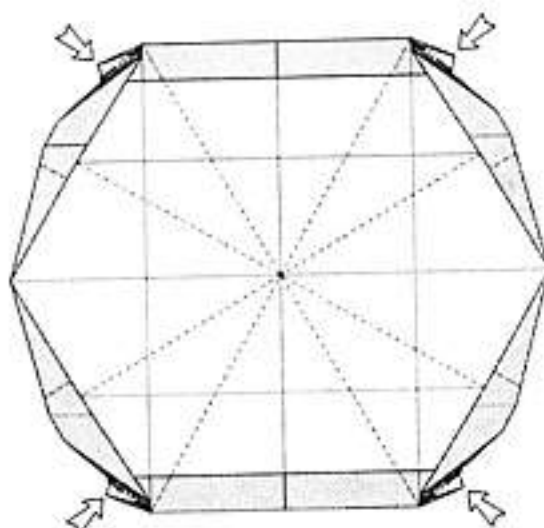
22. Like so. Unfold the creases made in step 12 and turn the model over.



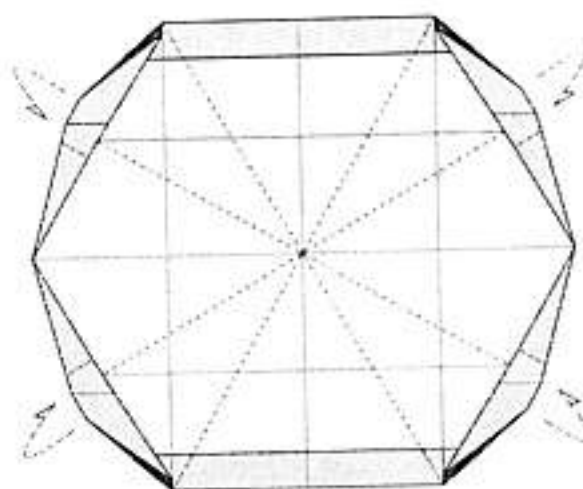
23. Squash-fold the next set of corners. This is like a reverse fold expect for handling the raw edge.



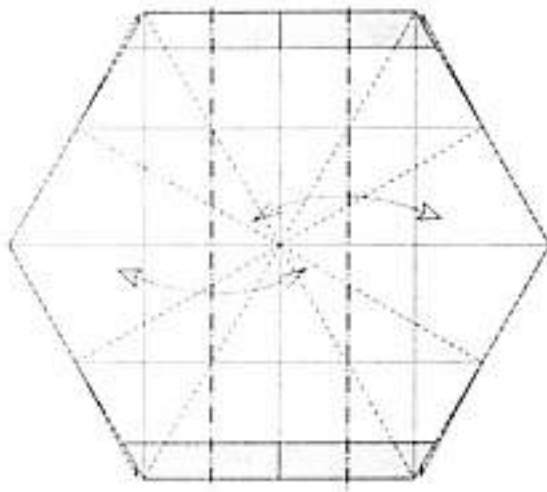
24. Reverse folds.



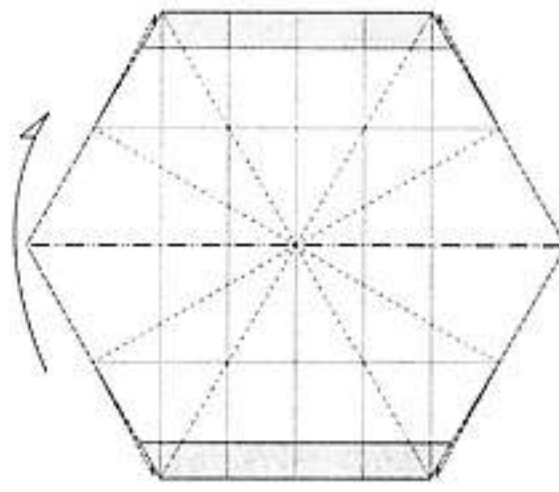
25. Reverse folds.



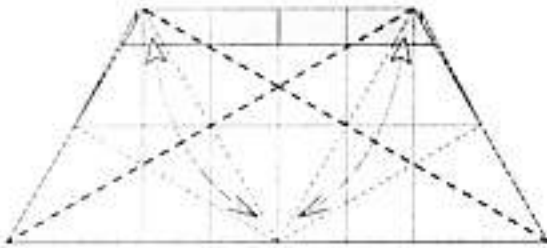
26. Toes completed. Fold the flaps behind as in step 12.



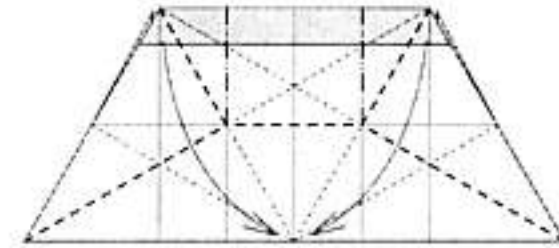
27. Fold and unfold.



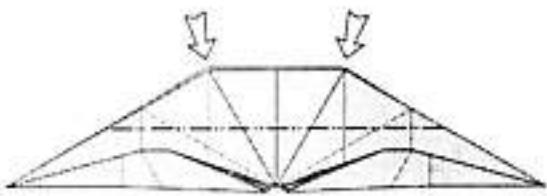
28. Fold the model in half.



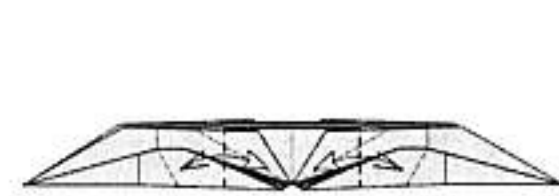
29. Fold and unfold diagonals. Repeat behind.



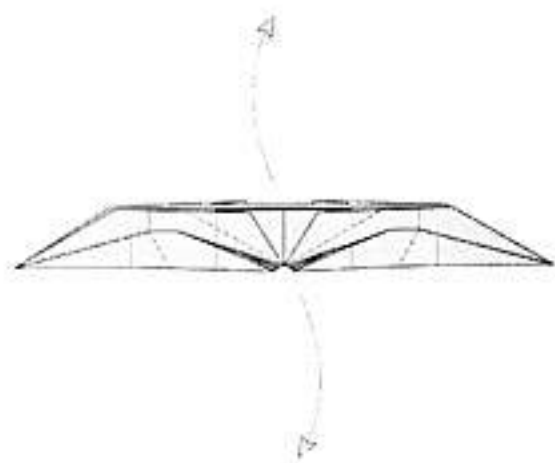
30. Squash fold to form legs. Repeat behind.



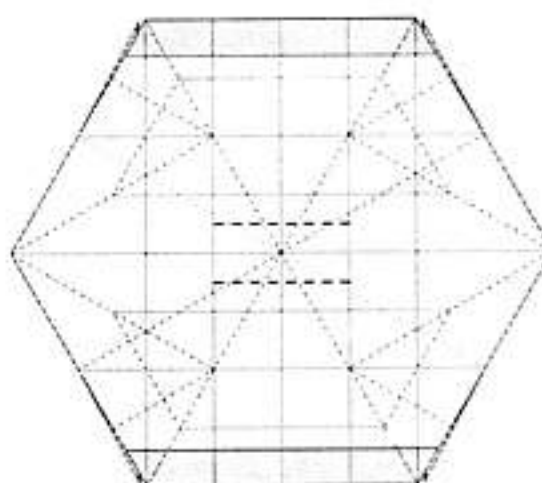
31. Open sink. Repeat behind.



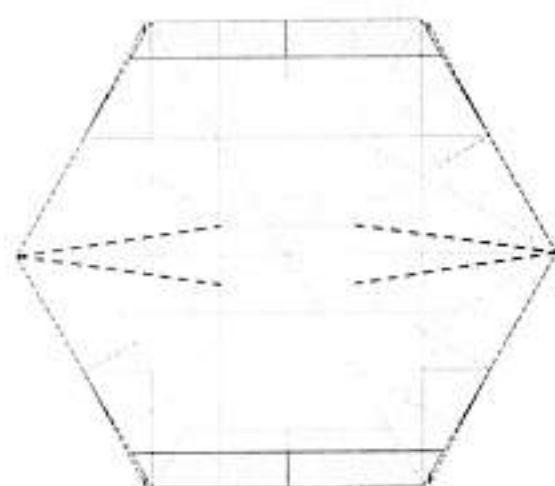
32. Like so. Fold and unfold, repeat behind.



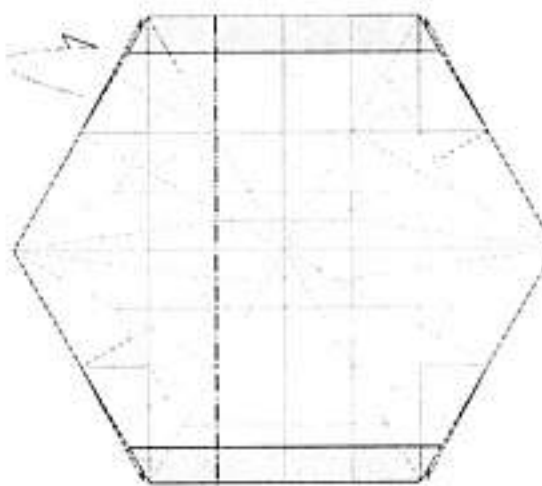
33. Unfold to step 27.



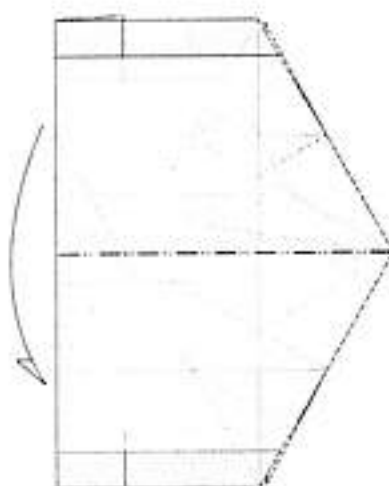
34. Prefold.



35. Prefold.



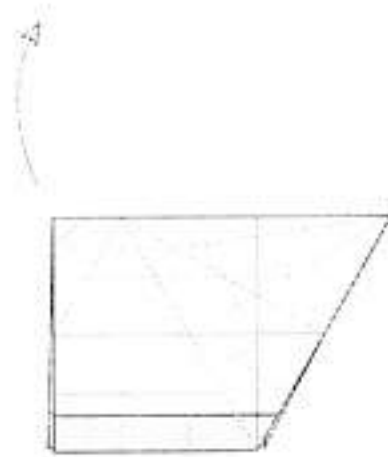
36. Fold behind.



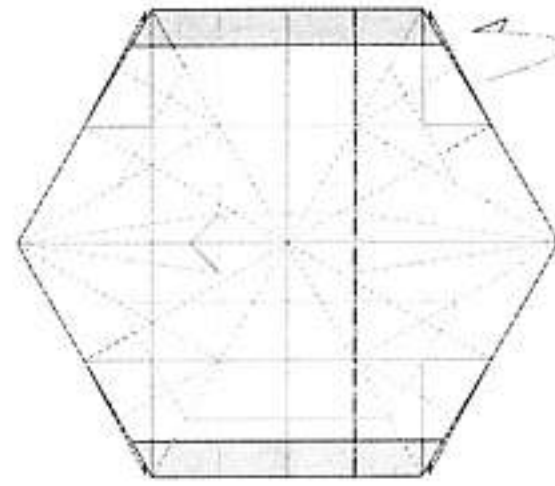
37. Fold behind.



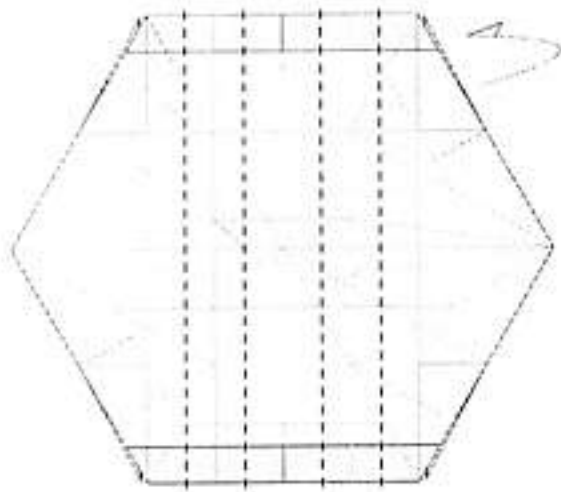
38. Fold and unfold.



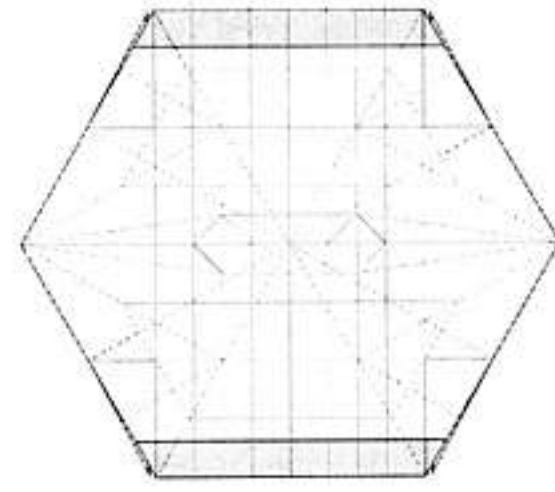
39. Unfold to step 34.



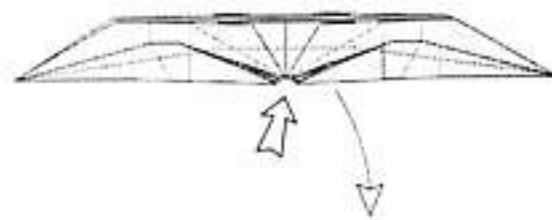
40. Repeat 37 - 39 on the right.



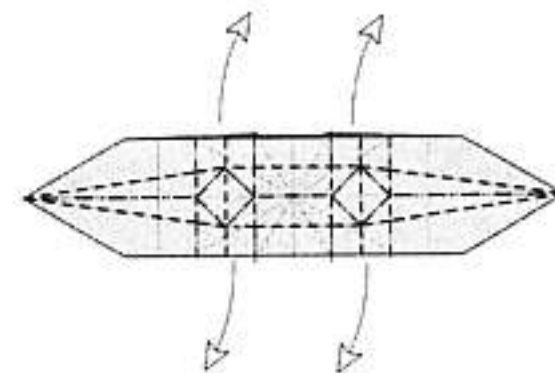
41. Fold and unfold.



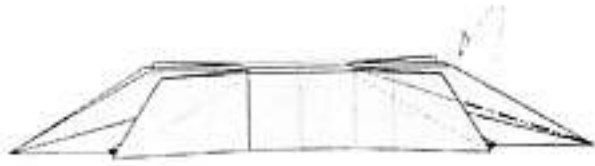
42. Refold to step 33.



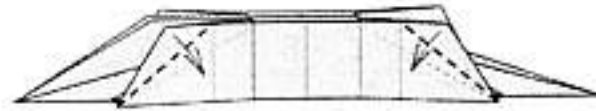
43. Push up at the center and spread the model, using the creases from steps 34 - 35.



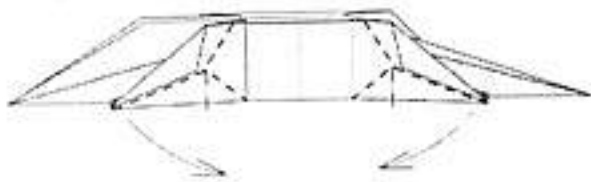
44. Collapse the center region on creases from steps 36 - 39 and pull out the legs. This shortens the body and lengthens the legs. Be careful not to rip the paper.



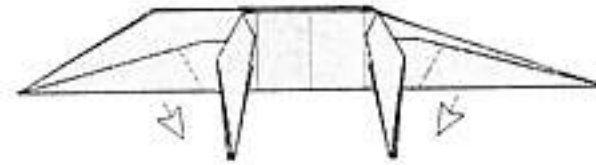
45. Like so. Narrow the tail by folding over the top layer. Repeat behind.



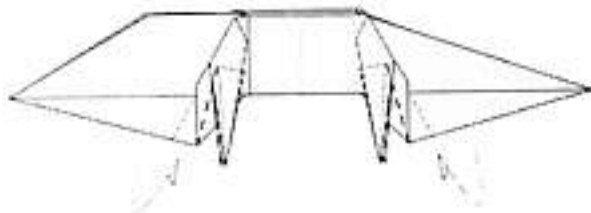
46. Fold down the flap on the top of the leg. Repeat behind.



47. Form the leg with a rabbit ear. Repeat behind.



48. Pull out flaps. Repeat behind.



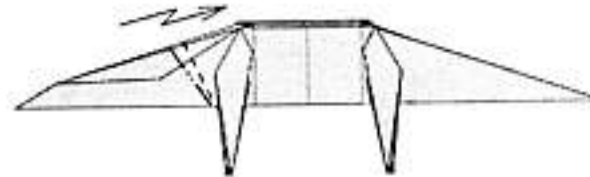
49. Reverse folds to thin the underside of the legs.



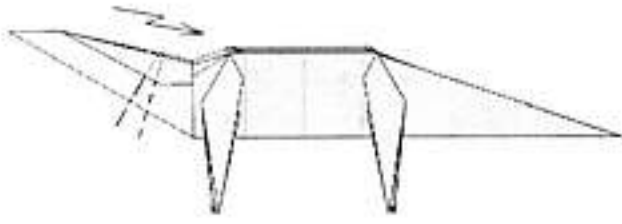
50. Tuck inside. Repeat behind.



51. Fold flap down; repeat behind.



52. Crimp fold to form the neck.



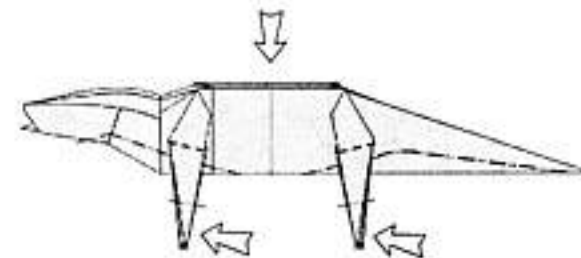
53. Crimp again to form the head. Do not crease the brow ridge.



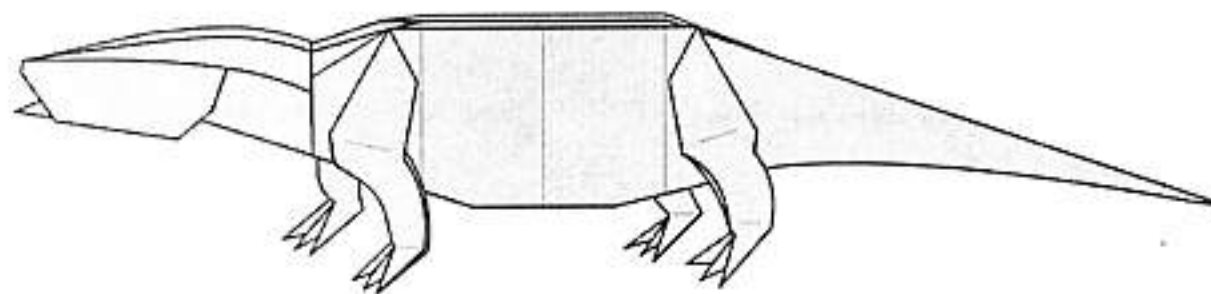
54. Crimp to form the mouth.



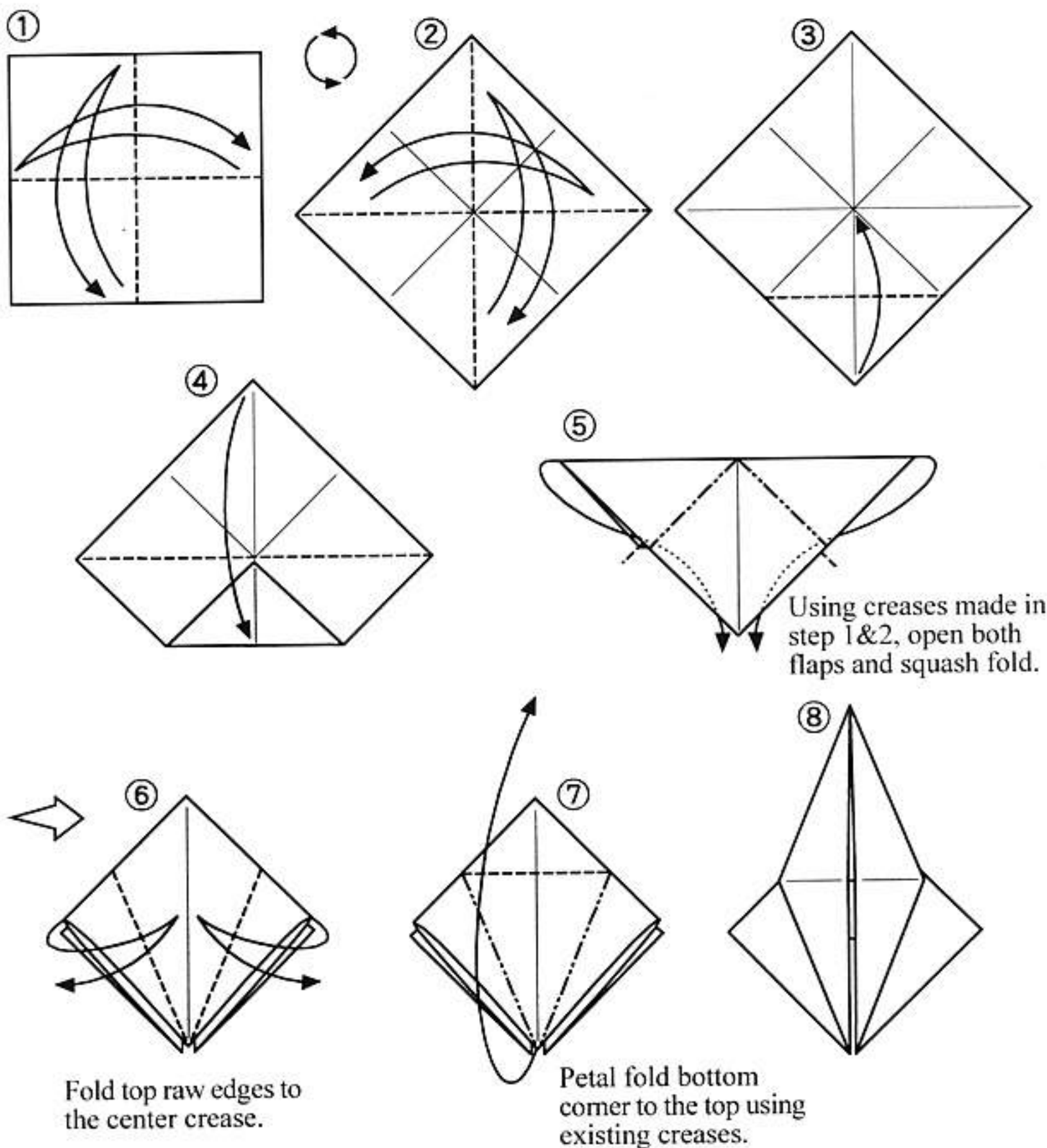
55. Reverse fold to form the snout; repeat behind.

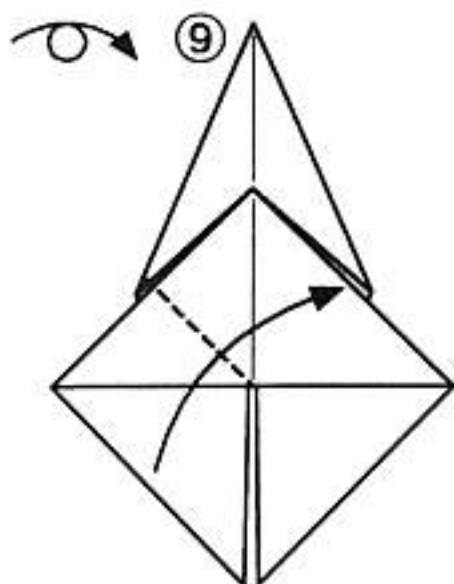


56. Sculpt the model.

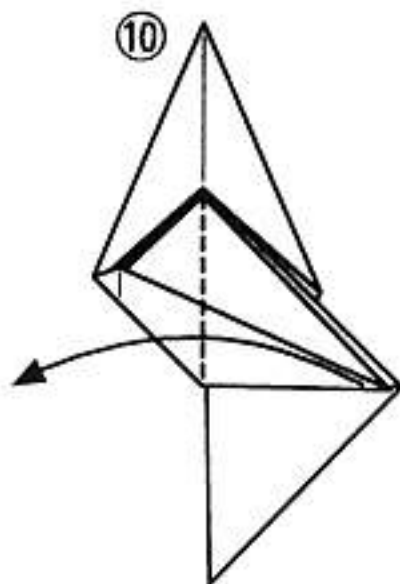


57. Lizard.

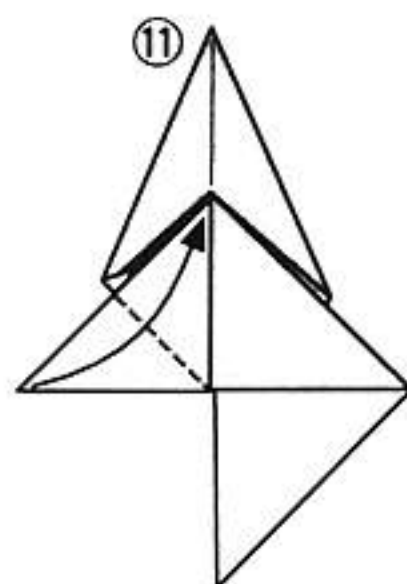




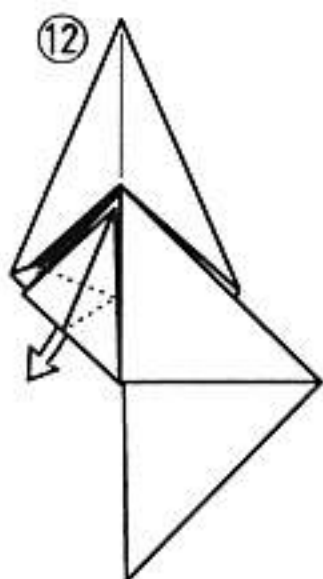
Fold bottom left edge to the right folded edge.



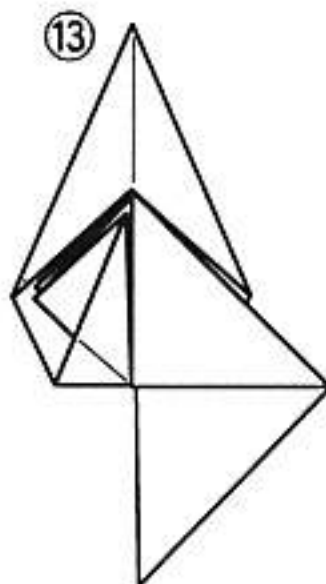
Fold right corner to the left.



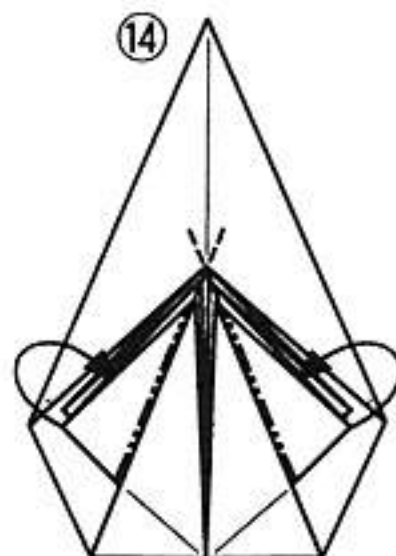
Fold left corner to the middle corner.



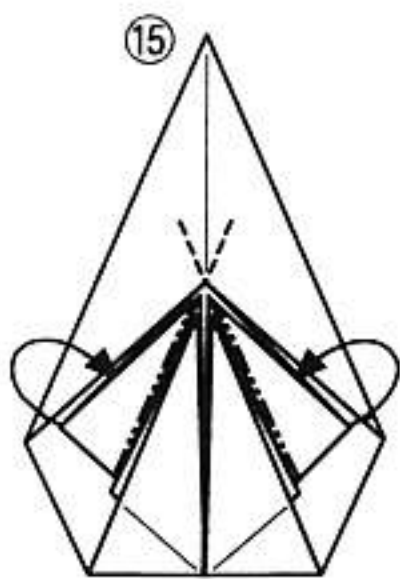
Pull out the inner liner made in step 10.



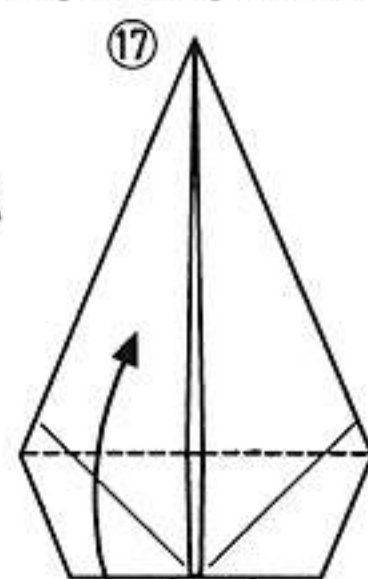
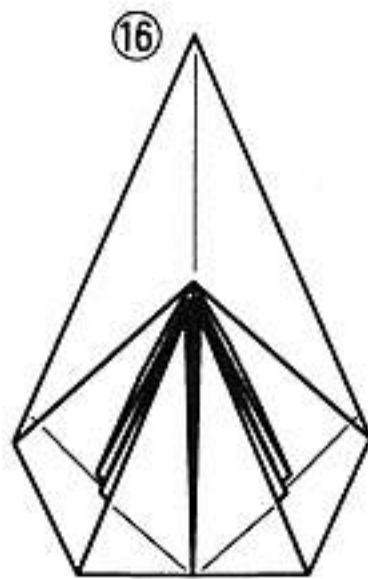
Repeat from steps 9-12 on right side.



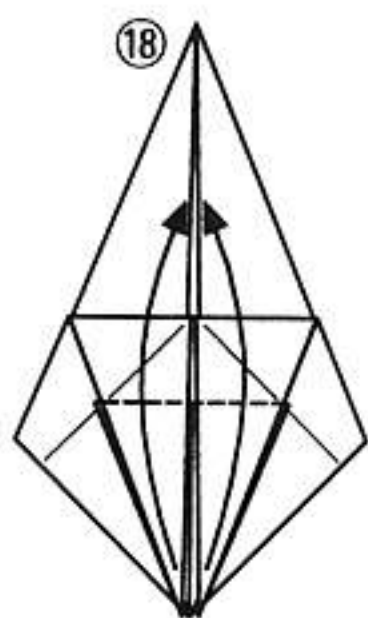
Fold corners of front layers to the center line and unfold. Inside-reverse fold the corners along existing creases.



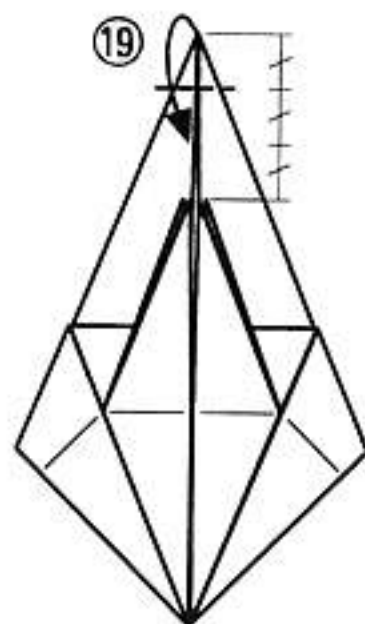
Repeat step 14 on rear layers.



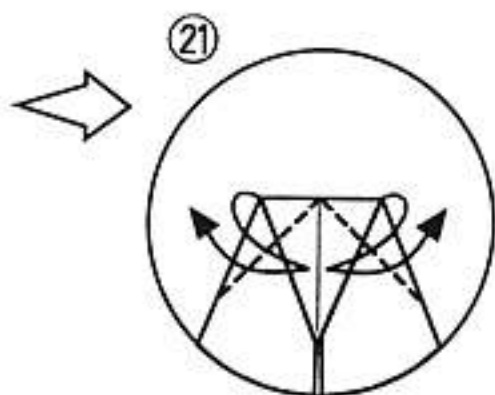
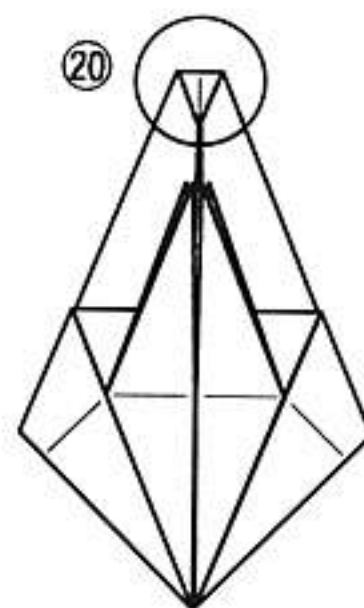
Fold folded bottom edge up while releasing flap behind.



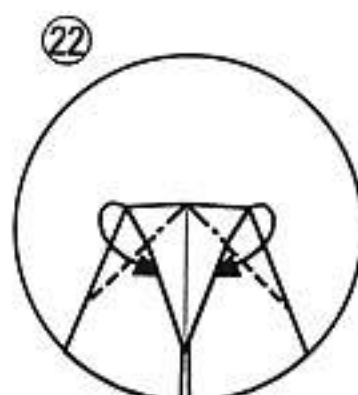
Fold bottom points up.



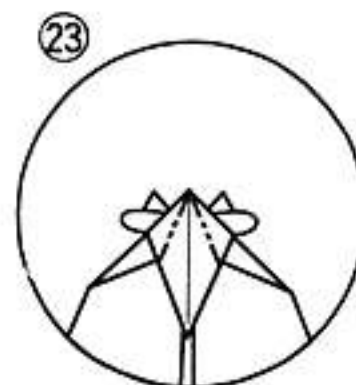
Fold top point about 1/3.



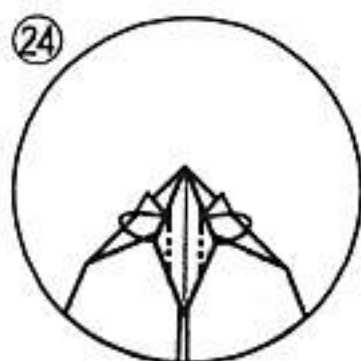
Fold both corners down to the center line.



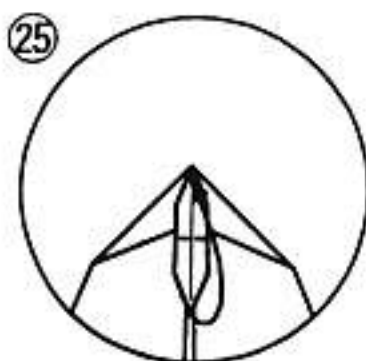
Inside-reverse fold corners along existing creases in step 21.



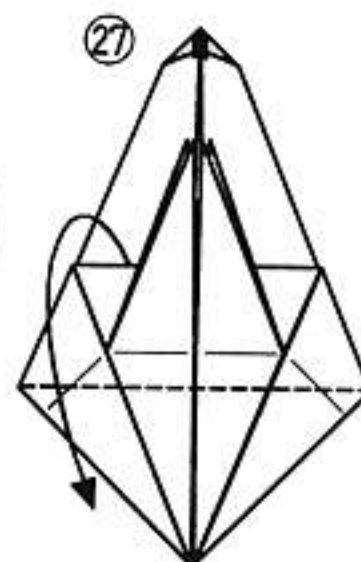
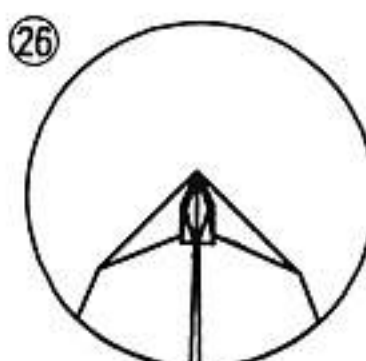
Mountain fold corners to the center line.



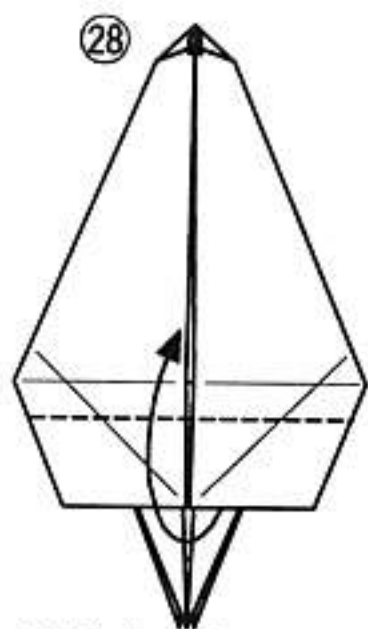
Mountain fold corners to the center line.



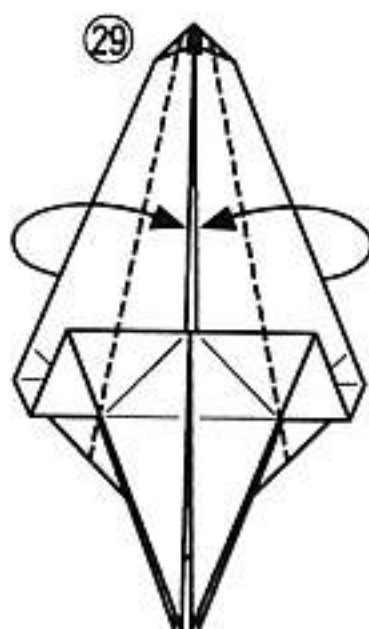
Fold the point up to the top corner.



Fold top portion down at point to point as shown.



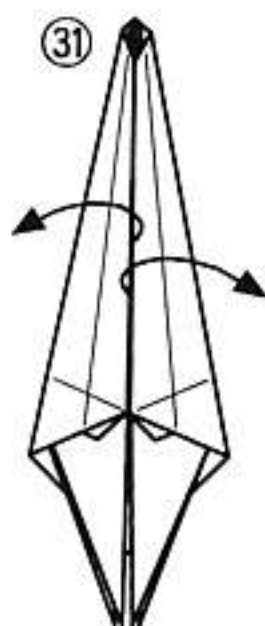
Fold the edge up to the fullest extent.



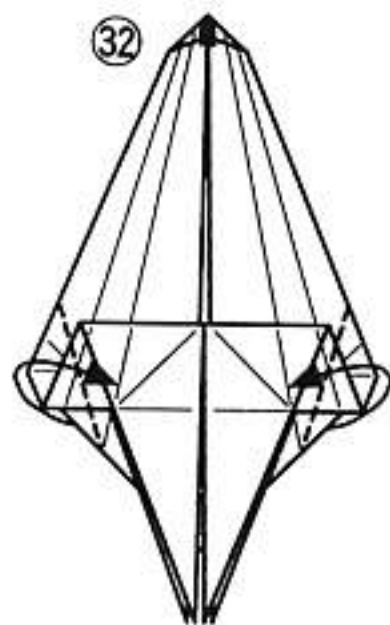
Fold sides in to meet at center.



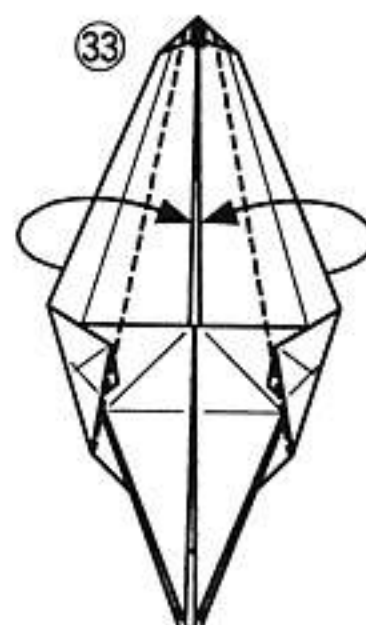
Fold sides in to meet at center and unfold.



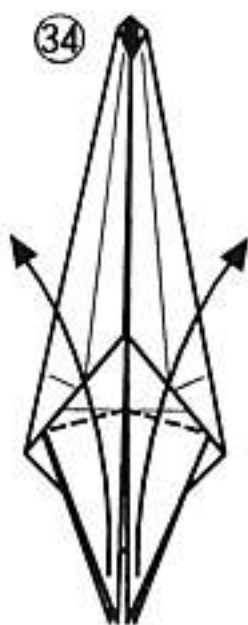
Unfold creases made in step 29.



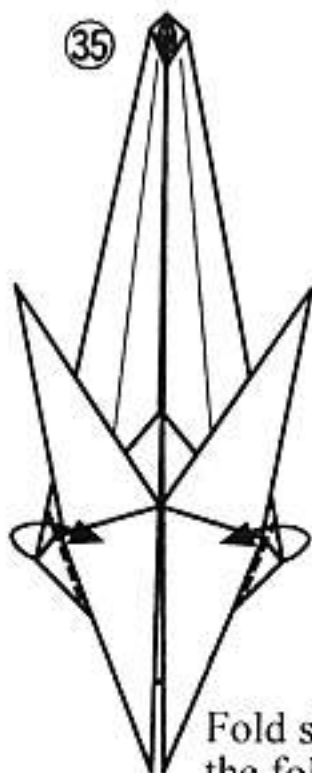
Fold corners to creases made in step 29.



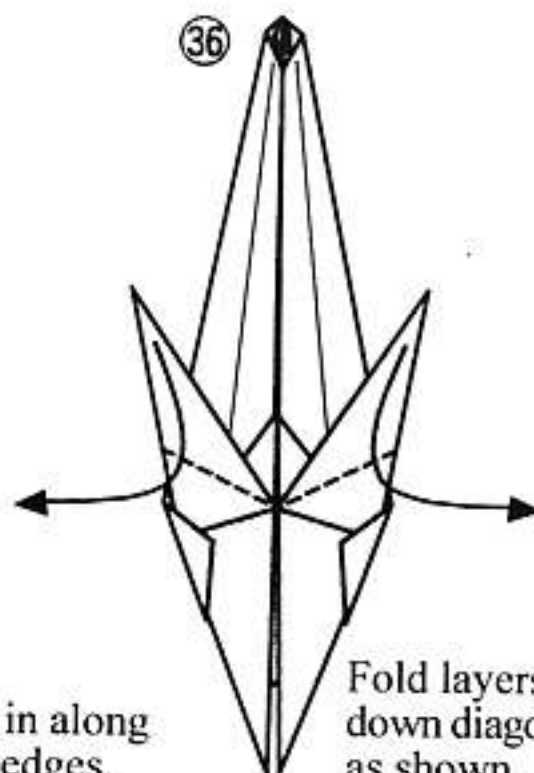
Refold the edges in using creases made in step 29.



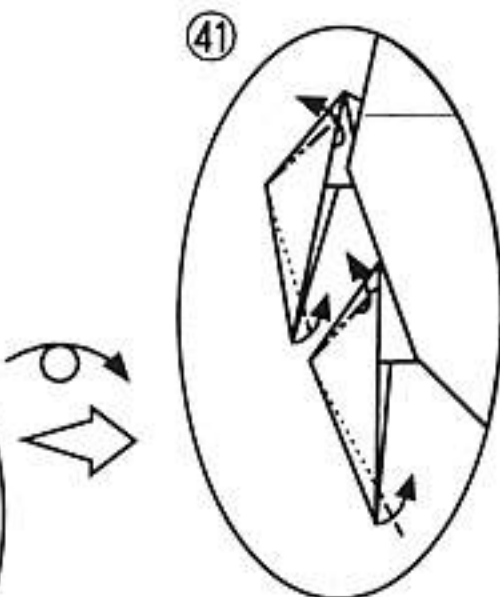
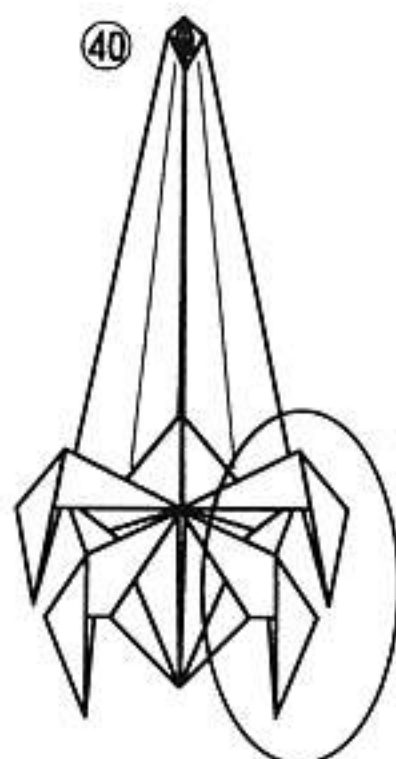
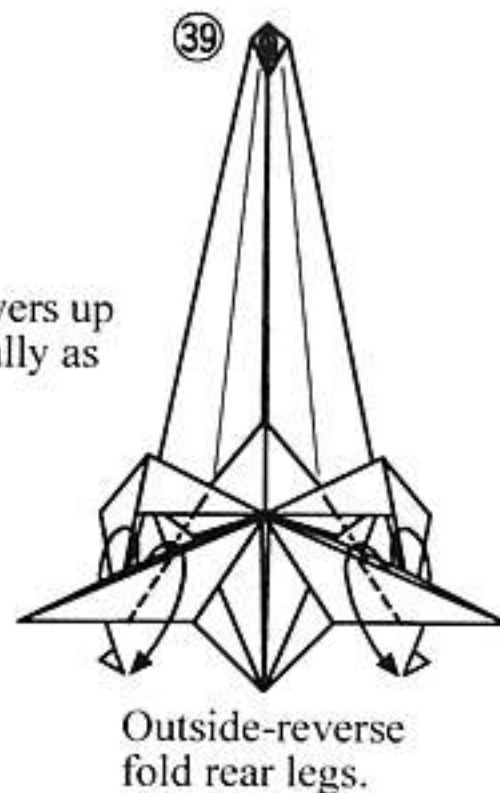
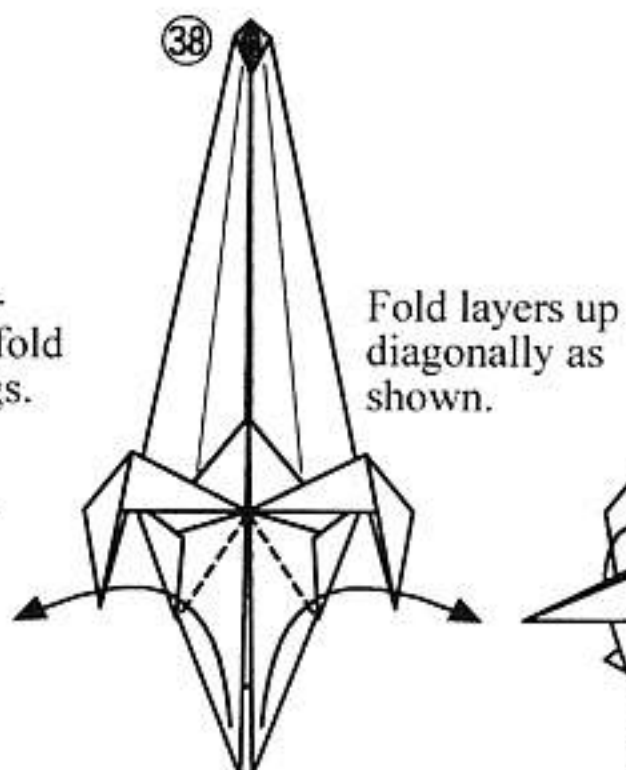
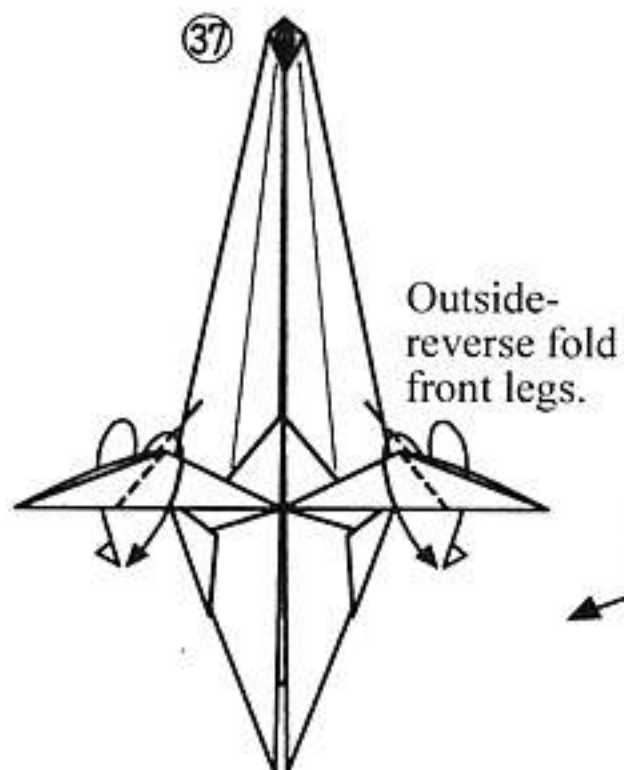
Fold the front points to the fullest extent.



Fold sides in along the folded edges.



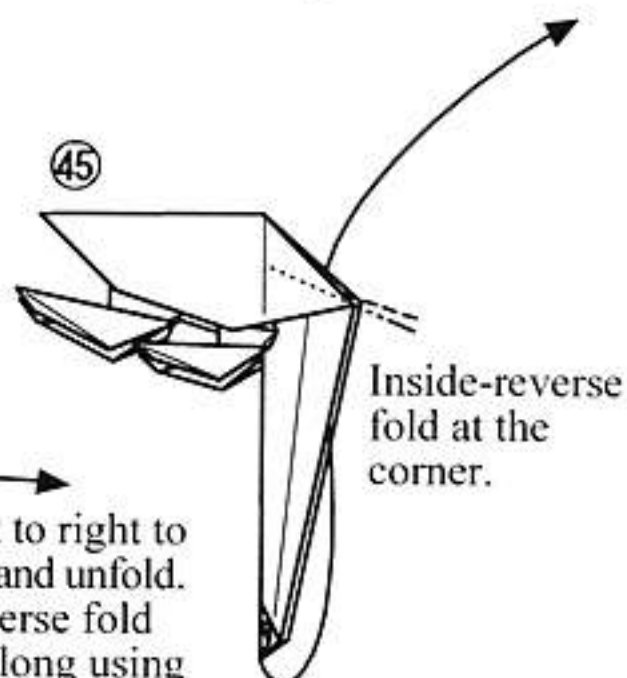
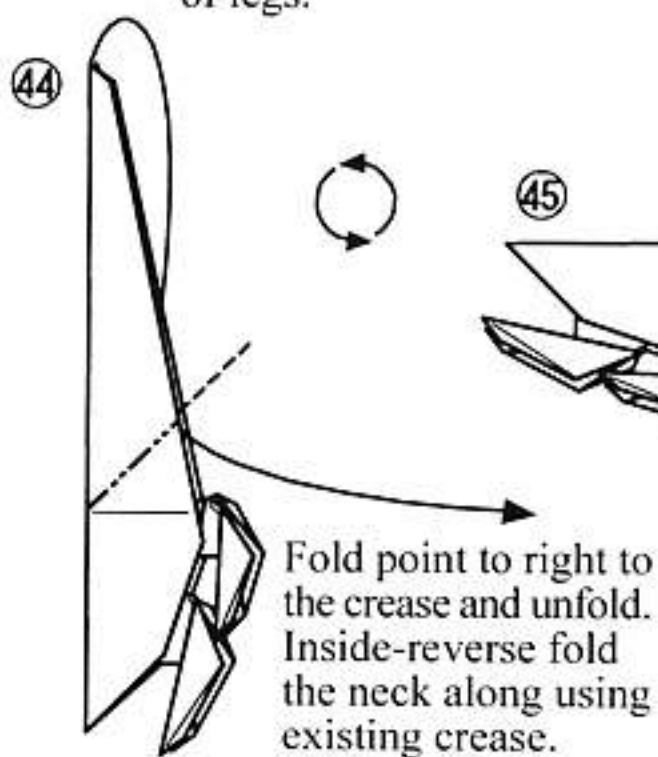
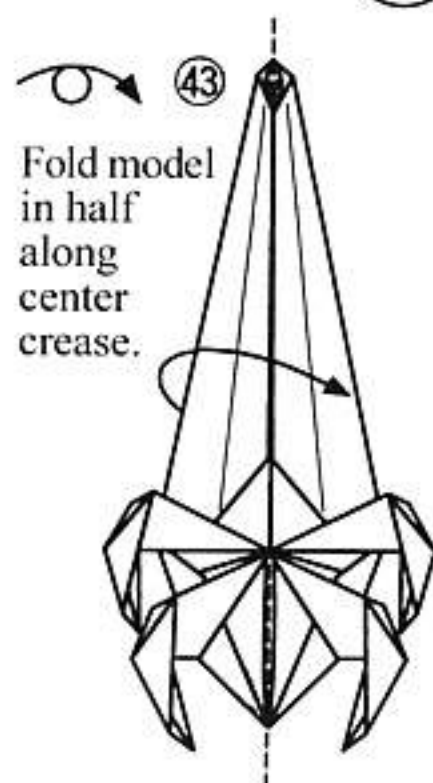
Fold layers down diagonally as shown.

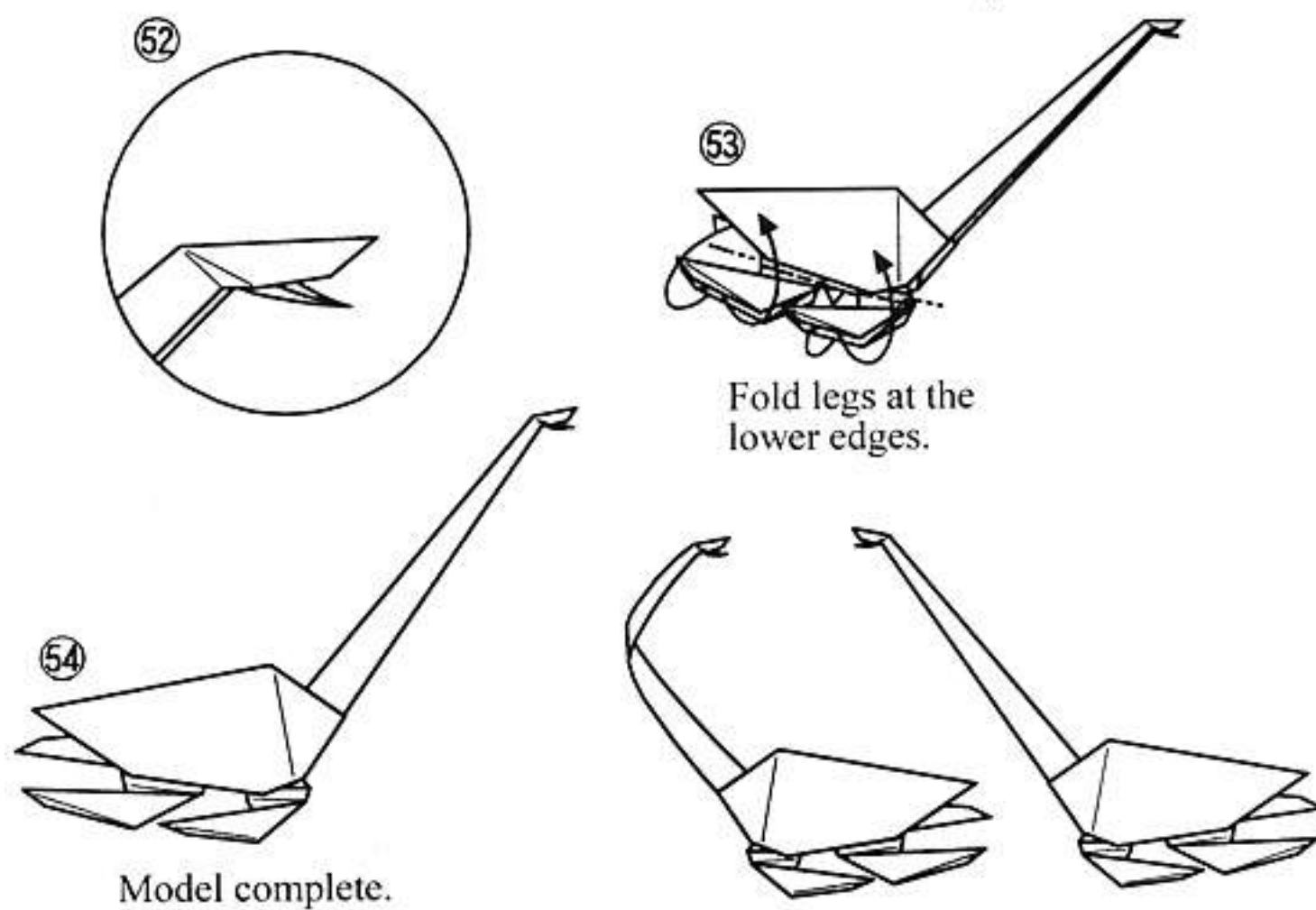
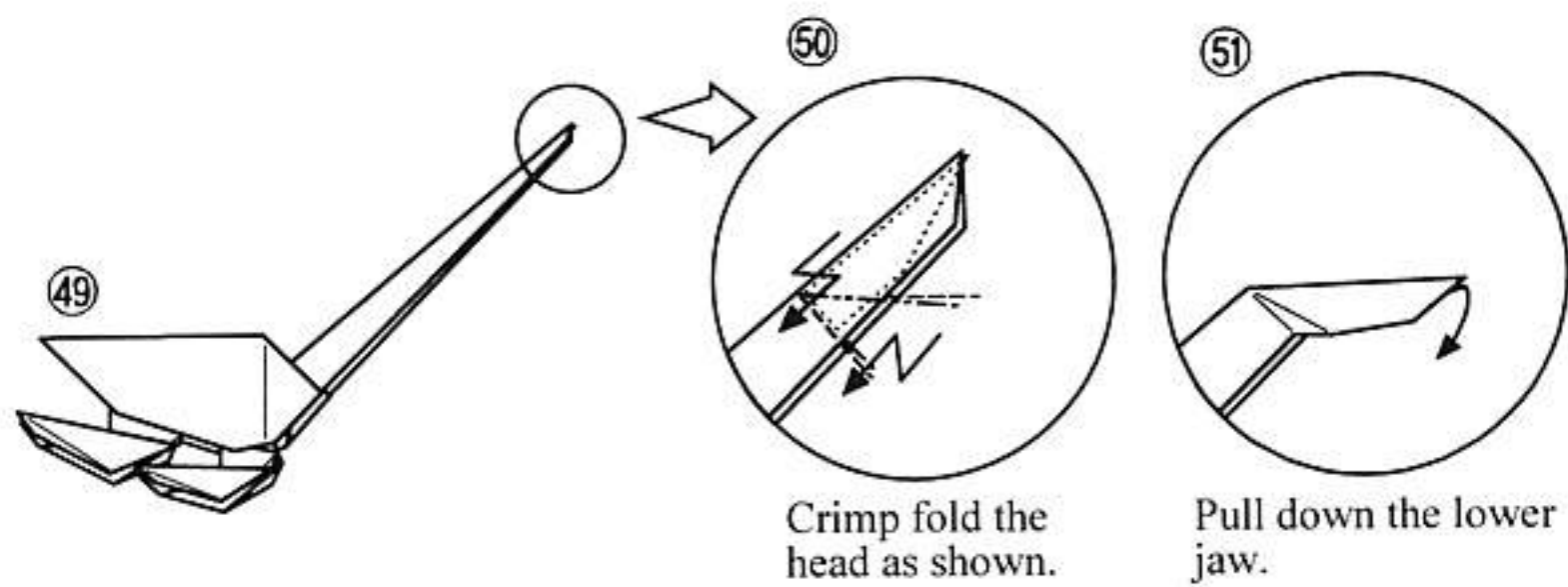
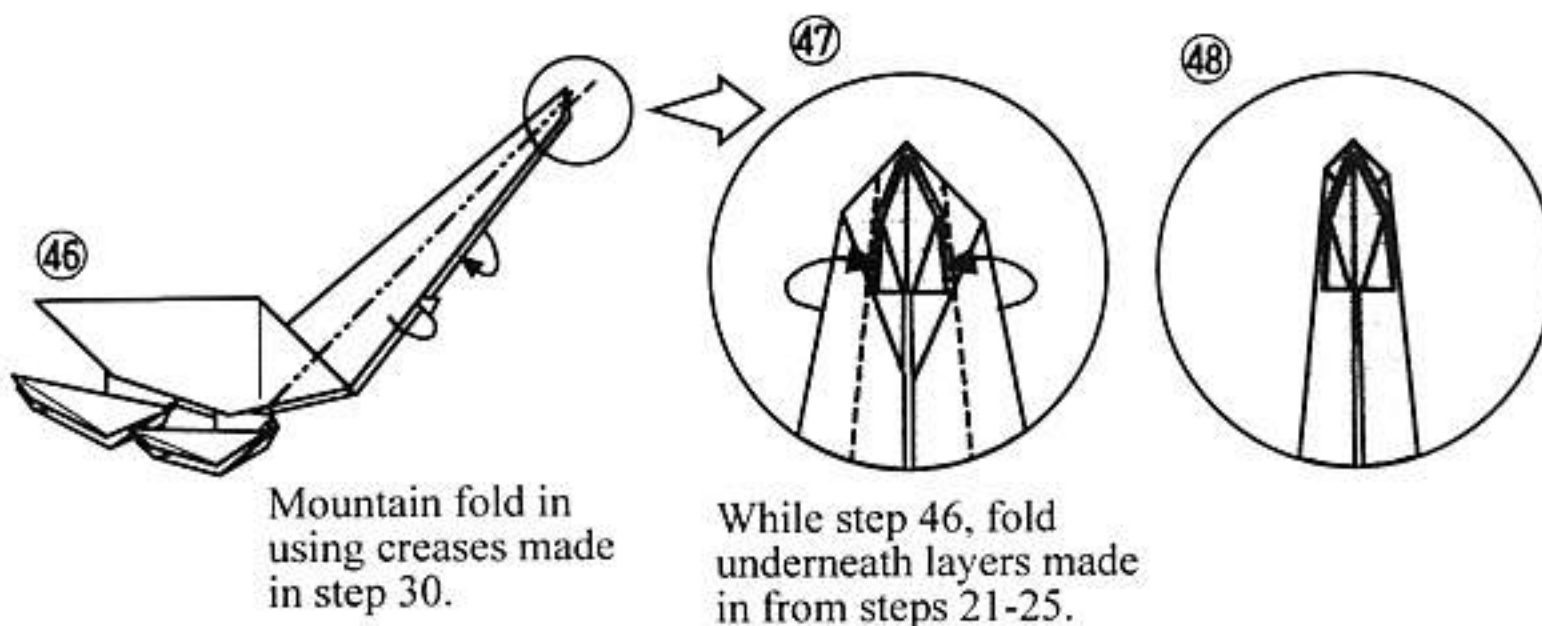


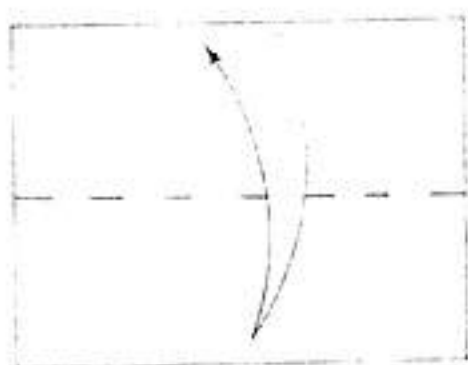
Slide the pockets of legs.



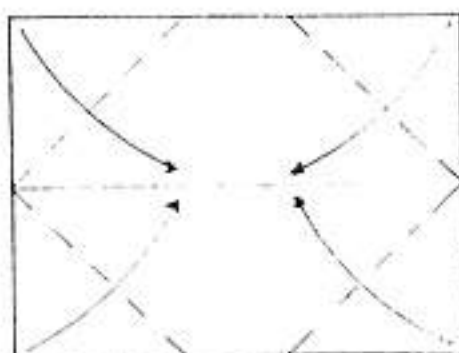
Repeat step 41 on right side.



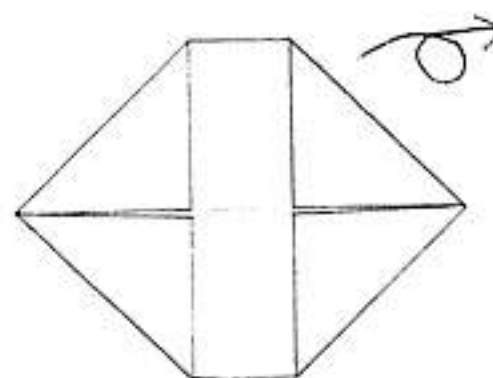




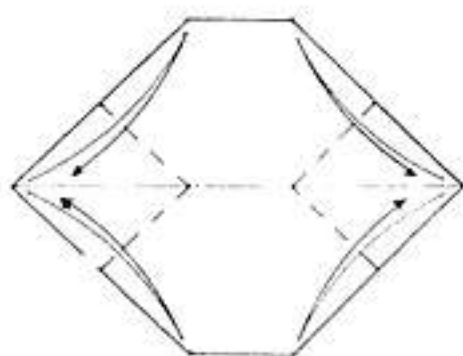
1-



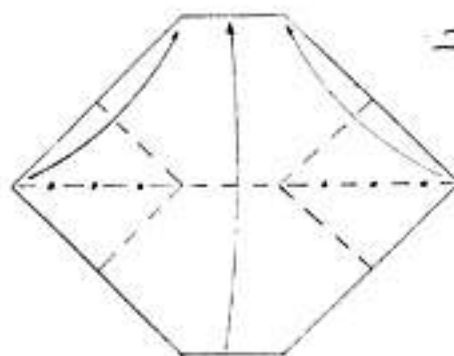
2-



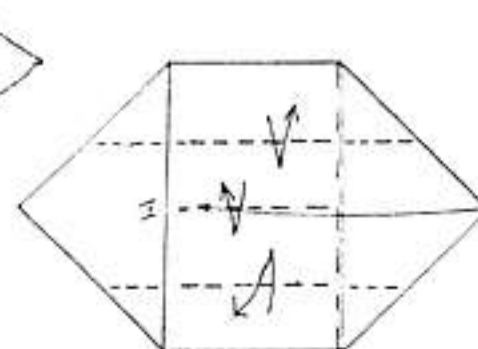
3-



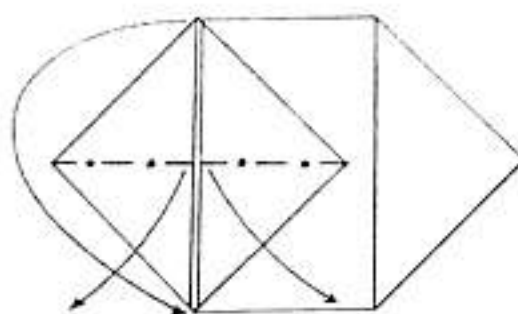
4-



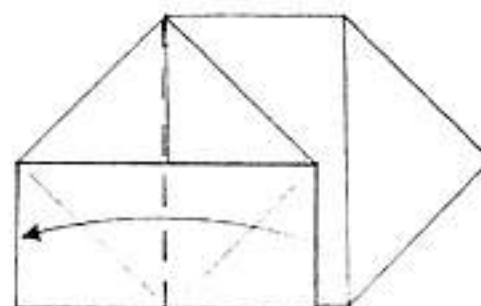
5-



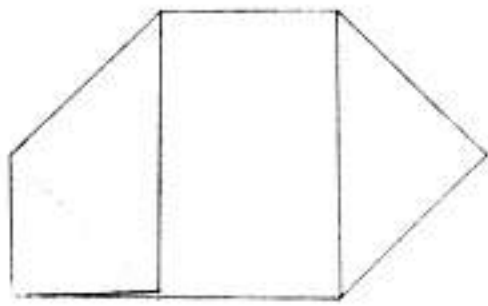
6-a) Fold and unfold
between the vertical lines.
b) Fold and unfold
bottom and top to the
center line.
c) Fold the top left flap
to the right.



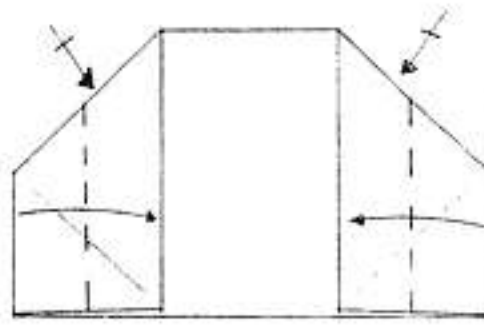
7-



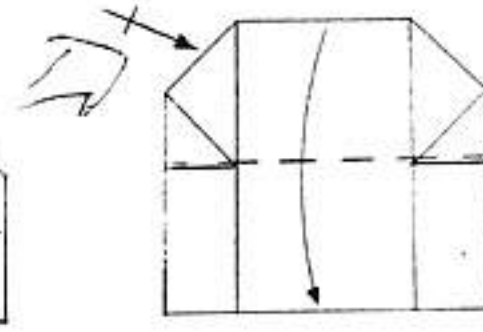
8-



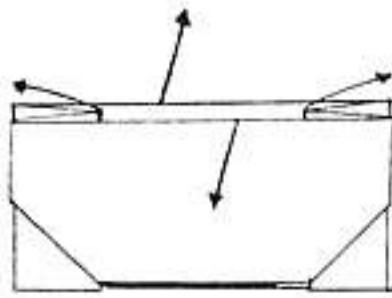
9- Repeat steps 7 & 8 on the right side.



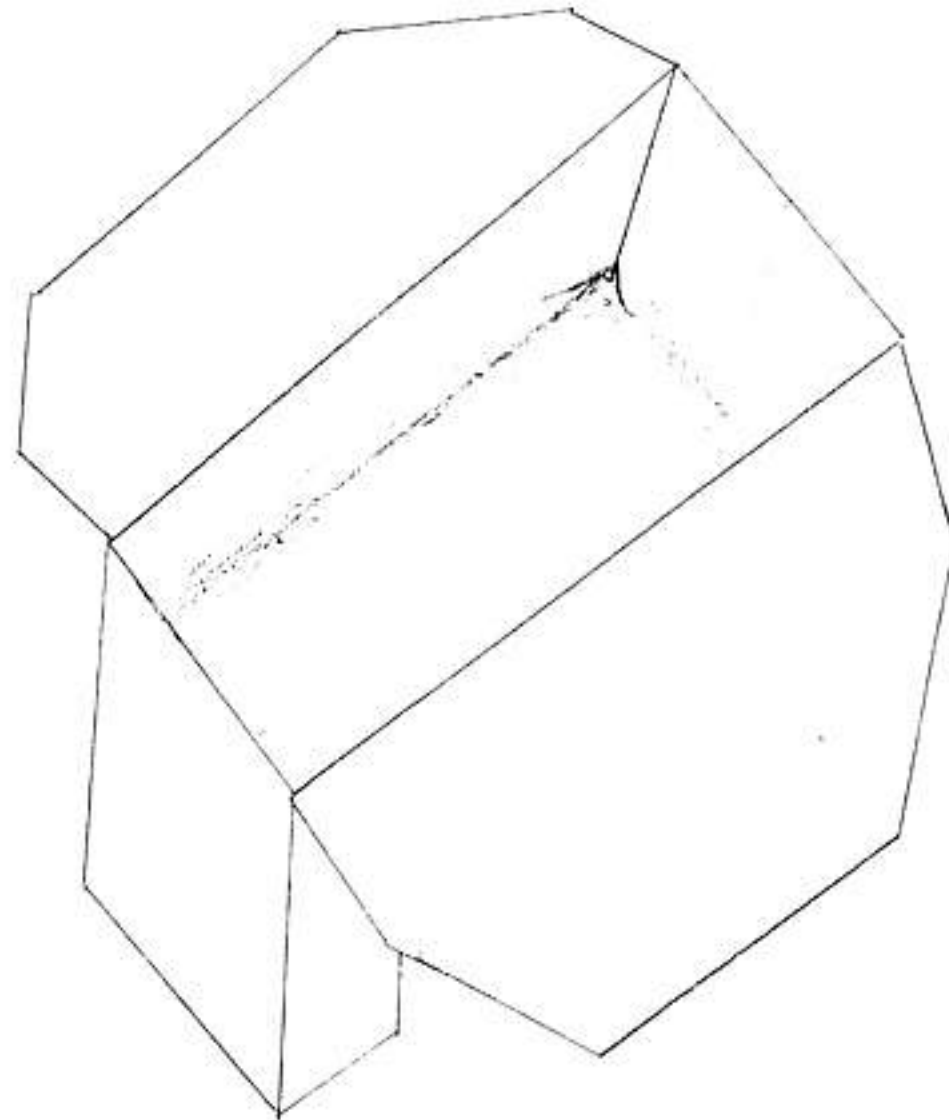
10-



11-

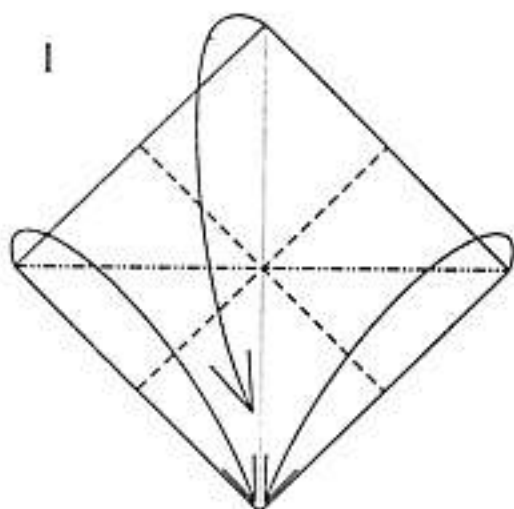
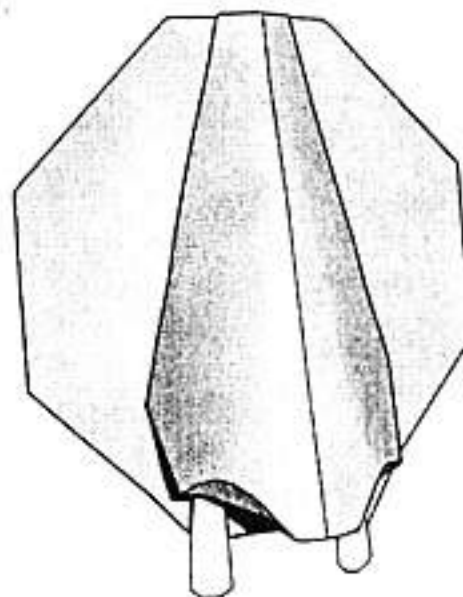


12-

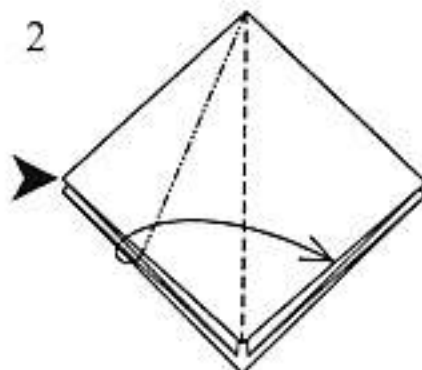


It's not for everyone!

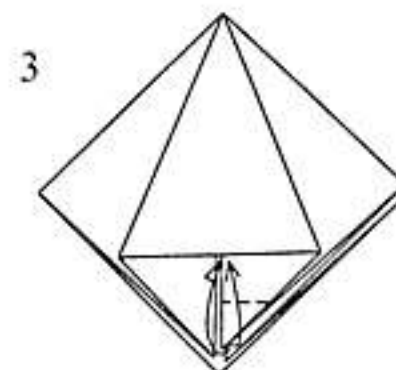
It's getting nippy out there!
Keep those tissues close by.
No nose knows better than this nose!



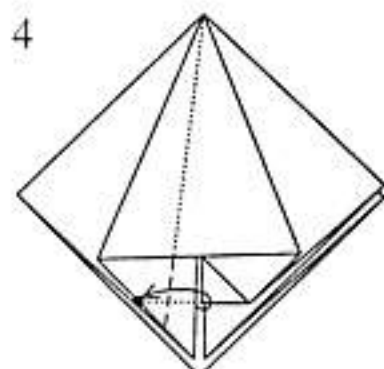
Fold a colored square base.



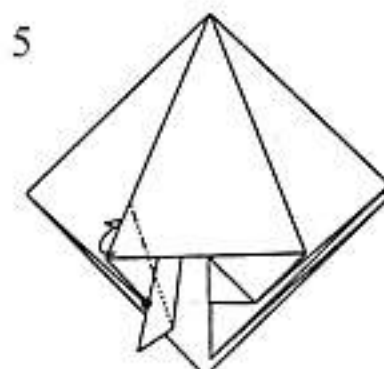
Squash-fold.



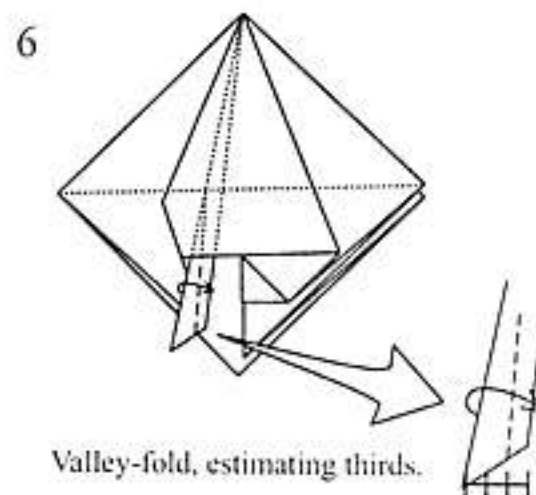
Outside-reverse-fold.



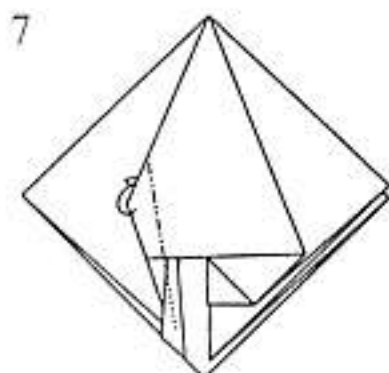
Valley-fold the edge to the black dot. The black dot is level with the small shaded triangle.



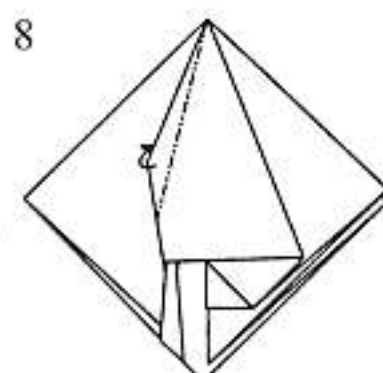
Mountain-fold.



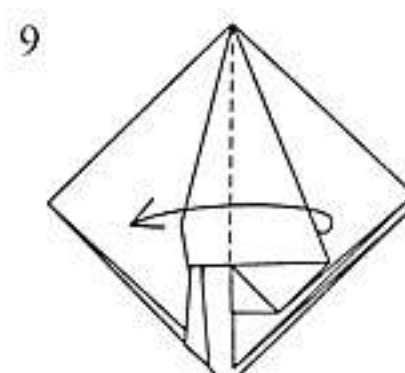
Valley-fold, estimating thirds.



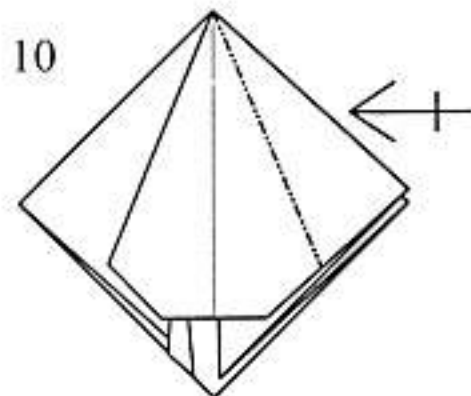
Mountain-fold.



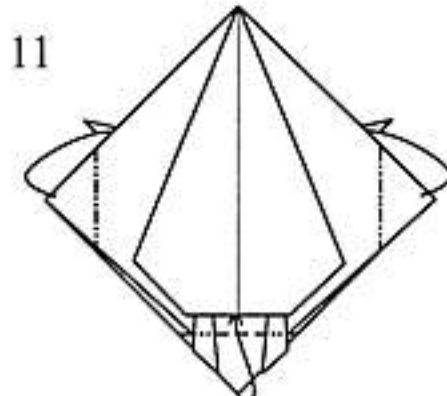
Mountain-fold.



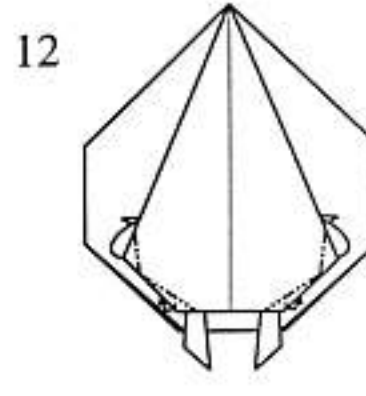
Valley-fold, swinging one flap to the left.



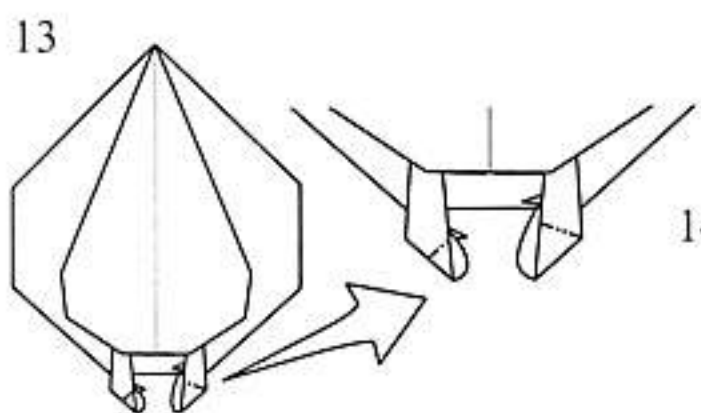
Repeat steps 2 and 4-9 on the right side.



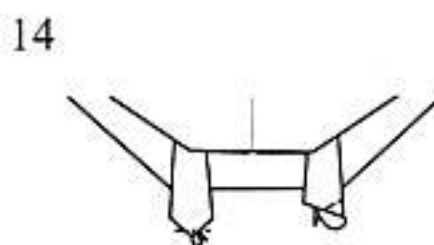
Mountain-fold the sides. Valley-fold the bottom point inside.



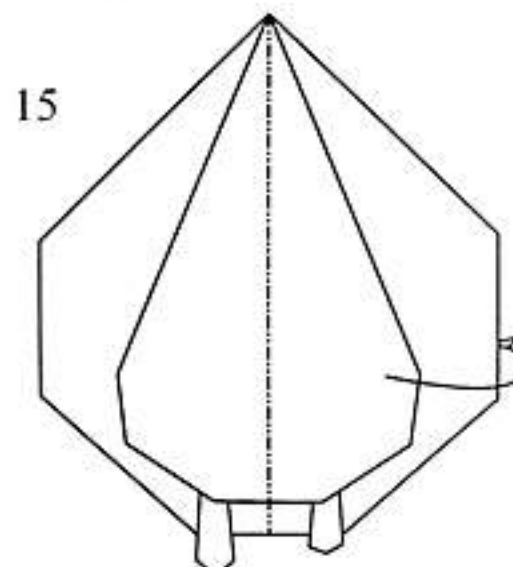
Mountain-fold to round the nose.



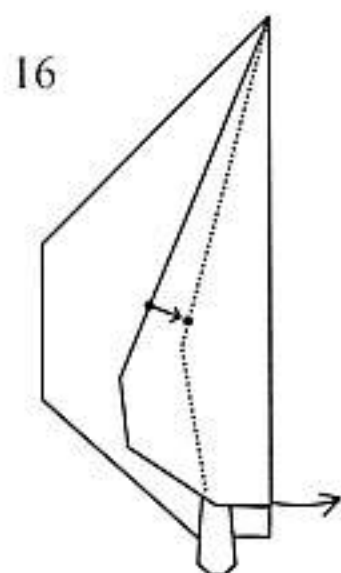
Mountain-fold the drips to taste.



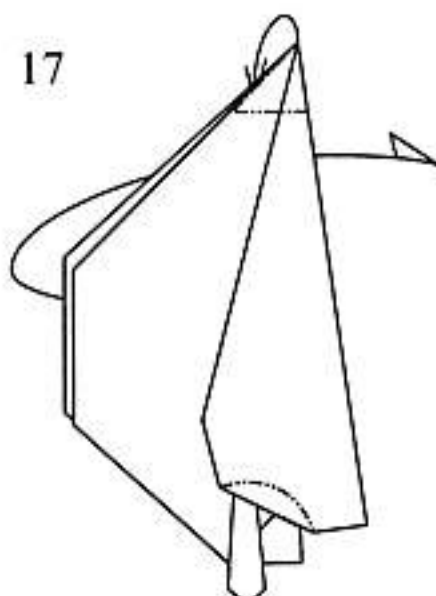
Continue shaping with mountain folds.



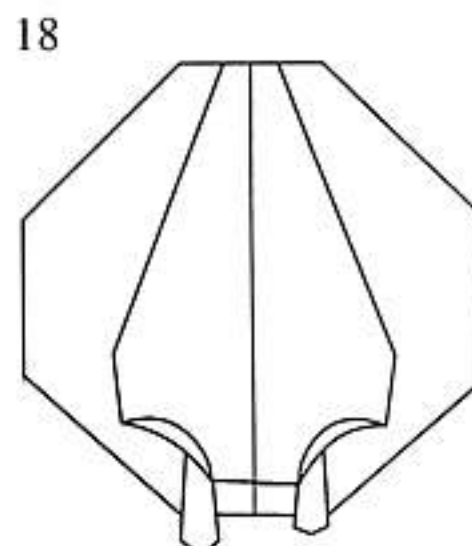
Mountain-fold the right side of the model behind.



Pull the nose rightward, repositioning inner creases.



Reverse-fold top to lie along inside edge. Make a curved mountain fold to form nostril (Repeat on other side). Open the model from behind.



Nippy Droze is ready to perpetually drip snot for the rest of it's days.

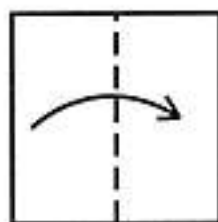
APPENDICES

ORIGAMI

BASICS

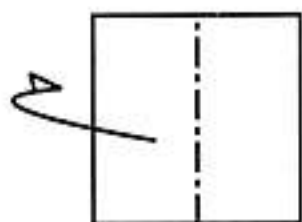
Line Styles

Valley Fold

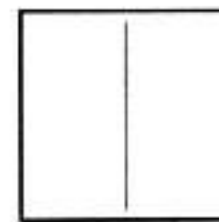
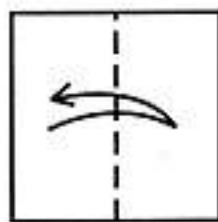


Mountain Fold

or



Crease



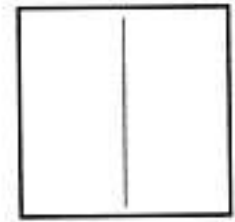
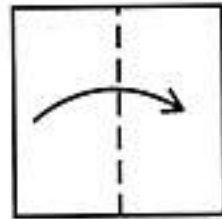
Hidden/X-Ray

.....

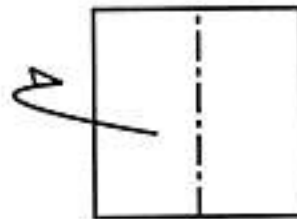


Arrows

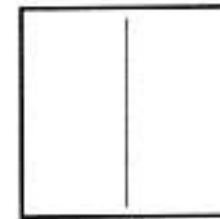
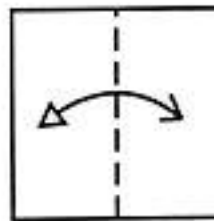
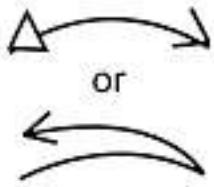
Fold Forward



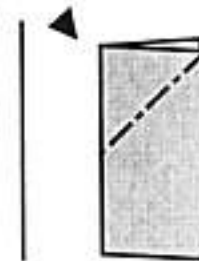
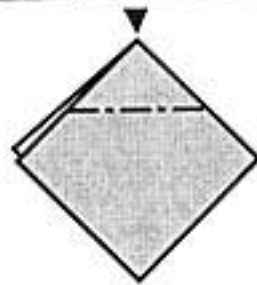
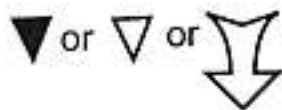
Fold Behind



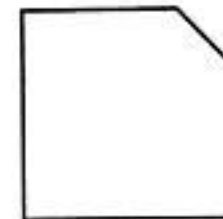
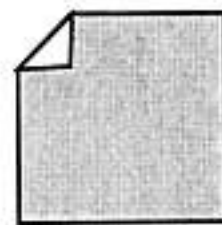
Fold And Unfold



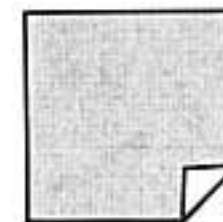
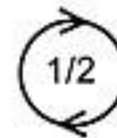
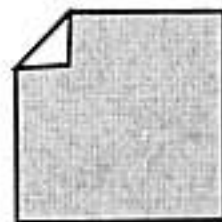
Sink/Reverse/Push In



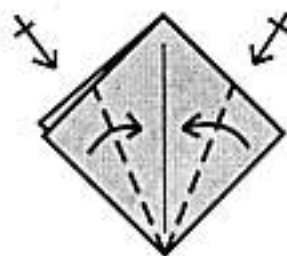
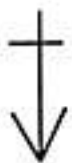
Turn Over



Rotate 90, 1/2 Turn, Ect.

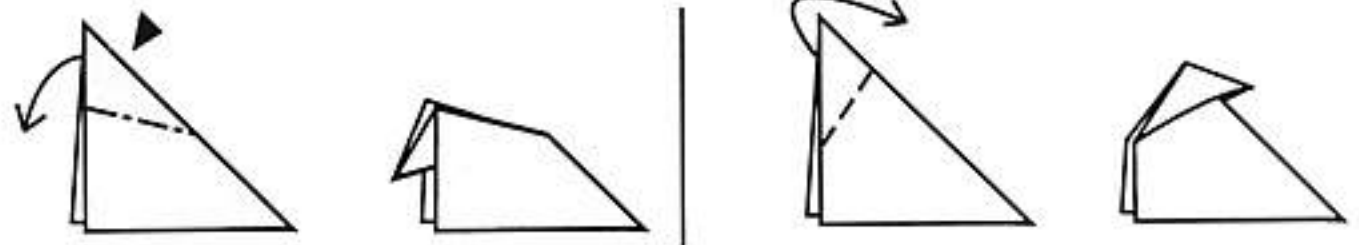


Repeat

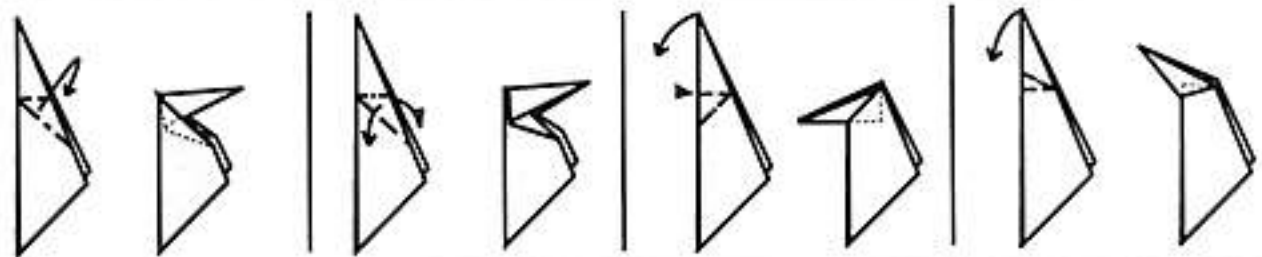


Maneuvers/Name Folds

Reverse Fold



Crimp



Rabbit Ear



Squash



Petal Fold/Wing Fold

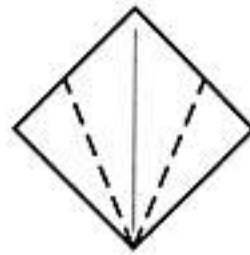


Sink

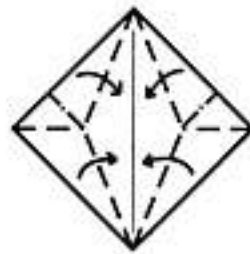


Common Bases

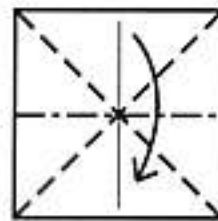
Kite Base/
Ice Cream Cone Base



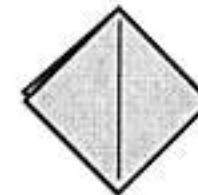
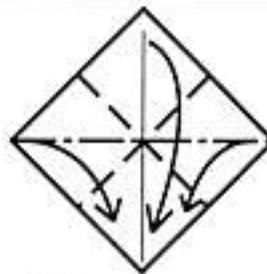
Fish Base



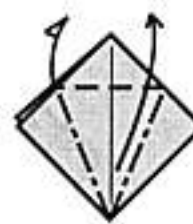
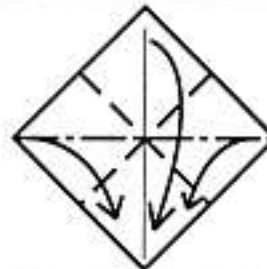
Waterbomb Base



Preliminary Base



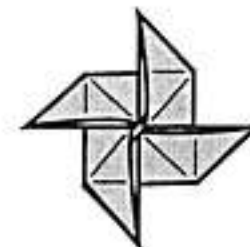
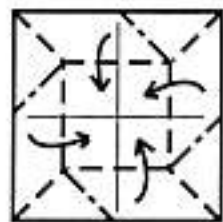
Bird Base



Frog Base/Lily Base



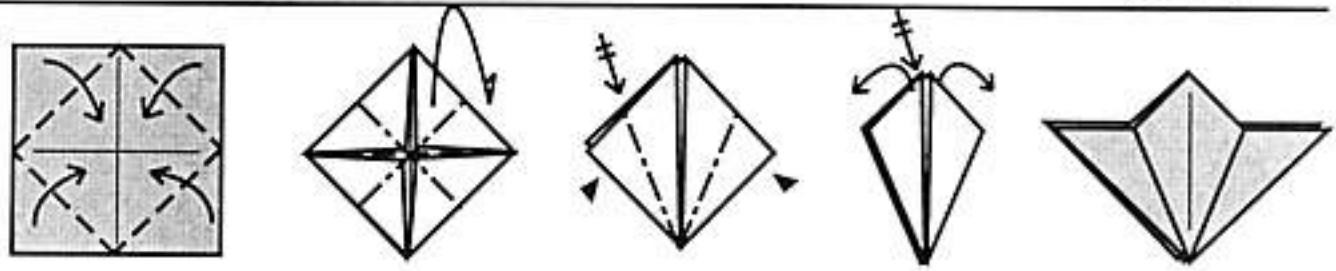
Windmill Base



Stretched Bird Base



Blintzed Bird Base



SUBMITTING WORK FOR FUTURE PUBLICATIONS

Much of the success of this book can be attributed to our members' enthusiasm in sending diagrams of their latest creations. While we always retain diagrams sent to us for future publications, please note that if your preference is to have your models considered for "2006 Origami Collection," your diagrams should be sent to us as soon as possible. We begin working on the next book as soon as the last one is off the press, so we are always ready to accept your submissions. The sooner your work is received and the more "publications ready" your diagrams are, the easier it will be for The Publications Team to proceed in a timelier manner. Our many procedures include: testing each model, adding diagrams and text as we think appropriate, adding information about each model, generating computer text, making a paste up of a layout, and testing the model again. Therefore, to best make your work "ready" for us, please consider the following guidelines:

A. SEND US ONE SET OF INSTRUCTIONS & DIAGRAMS

1. Include complete written instructions. An electronic copy via disk or email is definitely more than welcomed, but not required.
2. Draw diagrams in black ink on 8-1/2" x 11" paper.
3. If your model begins with a base, simply name the base and whether it is colored or white rather than diagramming it.
4. Follow the margins as described on the "model" page (see next page)
5. Ensure your diagrams will reproduce well for publication. If your artwork does not print clearly when photocopied, it will not look good when it is sent to our printer.
6. If at all possible, use 12 point Times New Roman type for step instructions. Please use hanging indents, as in the example below:

12. Blah blah blah blah
 blah blah blah blah
 blah blah.

B. SEND US INFORMATION ABOUT EACH MODEL including:

1. Permission and Copyright: Use the enclosed tear-out form. If you are sending a model based on a trademarked subject, you are required to obtain publishing permission from the trademark holder.
2. Paper: Indicate whether starting white side up or colored side up or any special considerations.

C. MAIL EVERYTHING TO:

OrigamiUSA
15 West 77th Street
New York, New York 10024-5192
Attention: Publications Team

You can also e-mail materials to marc@origami-usa.org in most popular file formats.

1" top margin

↑ Allow 5/8"
extra space on
first page for title
↓ and editor's notes

Layout Guidelines For Submitting Camera Ready Diagrams & Artwork

1" side margin

1" side margin

1" bottom margin

Permission Form For Origami Creators And Diagrammers

In order for OrigamiUSA to teach, distribute or publish origami models, it is necessary that we obtain permission from creators and diagrammers. Please read the following information carefully and complete where appropriate.

Teaching

OrigamiUSA is establishing a collection of models to use for the various publications and teaching events, such as The Annual Convention, The Paper, Special Folding Fun Sessions. These activities are generally finalized on short notice, depending on what people want to learn, what type of model we need to balance the program and the availability of teachers. This makes it difficult for our small volunteer staff to seek permission to teach every model at any particular event.

*By checking the **Teach** box below, I give OrigamiUSA my permission to add my models to OrigamiUSA collection for teaching at their discretion.*

Distribution

Diagrams are most welcome at OrigamiUSA events. Folders usually request diagrams for the models we teach. We distribute diagrams only if we have permission from both the creator and the diagrammer.

*By checking the **Distribute** box below, I give OrigamiUSA my permission to distribute my diagrams.*

Publishing

OrigamiUSA is always looking for new material for our publications. We are particularly interested in material that has not been widely distributed. We would like to consider your models for inclusion. For copyright purposes, please write the year you invented the model on the first page of your diagram/drawing.

*By checking the **Publish** box below, I give OrigamiUSA my permission to publish my models and/or diagrams in the Origami Collection or other OrigamiUSA publications in print and CD-ROM. I understand that I otherwise retain copyright ownership of my diagrams. I understand that I will receive a complimentary copy of the assigned publication as CD-ROM or print. Please check your preference below:*

- ☐ I would prefer the CD-ROM version if both are available.
- ☐ I would prefer the print version if both are available.

Check only those that apply

| Model Name | Teach | Distribute | Publish |
|------------|--------------------------|--------------------------|--------------------------|
| 1. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 2. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 3. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 4. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

| | | |
|---------------------------|-----------------|------|
| Name | | Date |
| Address | | |
| | | |
| Telephone (day) | Telephone (eve) | |
| Email | | |
| Signature | | |
| Parent/Guardian Signature | | |

A parent/guardian signature is required for persons under age 18. Mail/fax this original completed form to OrigamiUSA and retain a copy for your records.

COPYRIGHT INFORMATION FOR ORIGAMI CREATORS, DIAGRAMERS AND FOLDERS

The rights of an origami creator and diagrammer have always been a controversial issue. In recent years the discussion has become even more heated, and OrigamiUSA would like to report on what we have learned about the legal rights and obligations of paperfolders and their ethical rights and obligations, as we see them. In this document, we will present the following:

1. The Copyright Law
2. Our attorney's interpretation of The Copyright Law as it applies to origami
3. The policy of OrigamiUSA

1. THE COPYRIGHT LAW

According to The National Association of College Stores, Inc. and The Association of American Publishers,

"The copyright law grants owners of copyright (authors and other creators and publishers) the sole right to do or allow others to do each of the following acts with regard to their copyrighted work: to reproduce all or part of the work; to distribute copies; to prepare new (derivative) versions based on the original work; and to perform and display the work publicly.

Copyright protection is available for "original works of authorship fixed in a tangible medium of expression." U.S. copyright protection for works created on or after January 1, 1978, begins at creation and lasts until fifty years after the author's death...

Copyright protection covers both published and unpublished works. The fact that a previously published work is out of print does not affect its copyright...

The Copyright Act of 1976 provides that copyright begins at the moment the work is created. Registration with the Copyright office is not required in order for a work to be protected under U.S. copyright law...

Among the types of works which are subject to copyright protection are literary, dramatic, musical, choreographic and pictorial works, graphic works, pantomimes, sound recordings, sculptures, motion pictures and audio-visual works..

Copyright protection does not include ideas, procedures, processes, systems, concepts, principles or discoveries, although these may be protectable under patent or trade secret laws.

However, literary or other forms of expression of these ideas (and the like) is covered by copyright...

The doctrine of "Fair Use" (section 107 of the U.S. copyright law) in limited situations permits the use of a copyrighted work, including reproducing portions of that work, without the copyright owner's permission. Section 107 of the Copyright Act establishes four basic factors to be examined in determining whether a use constitutes a "Fair Use" under the copyright law. These factors are:

- a) The purpose and character of the use, including whether such use is of a commercial nature or is for nonprofit educational purposes;
- b) The nature of the copyrighted work;
- c) The amount and substantiality of the portion of the work used in relation to the copyrighted work as a whole; and
- d) The effect of the use in question upon the potential market for or value of the copyrighted work.

No one factor is determinative of a person's right to use a copyrighted work without permission. Educational use alone is not sufficient to make a use in question a fair one. You do not have to sell the copies or permanently dispose of them in order to infringe the copyright owner's rights."

2. THE COPYRIGHT LAW AS IT RELATES TO ORIGAMI

Our attorney advises that an origami design is not tangible. It is not "fixed in a tangible medium of expression." and since you cannot copyright an idea or procedure, you cannot copyright an origami design. You can however, copyright the diagrams and the completed model.

This means that, legally, without obtaining permission:

- a) You can fold a model
- b) You can teach a model
- c) You can sell a model you folded yourself (although you cannot use the creator's name for commercial purposes)
- d) You can diagram it yourself

However, you cannot photocopy existing diagrams or books unless they fall under the "fair use" provisions. Our attorney advises that "fair use is an illusive concept. It is determined in the particular situation, and the four factors (quoted above) are used as guidelines, but not as exclusive indications for fair use. In fact, fair use means that you violate someone's copyright at your own peril and risk."

THE POLICY OF ORIGAMIUSA

The policy of the OrigamiUSA goes beyond legal restrictions. We believe that even where the law does not specifically protect the rights of artists and illustrators, respect and courtesy should dictate our dealings with them. We believe strongly that complete control over the use of every model belongs to its creator, and that complete control over the use of every set of diagrams belongs to the diagrammer (or anyone else to whom s/he transfers that control).

QUESTIONS AND ANSWERS ON THE COPYRIGHT LAW AND ORIGAMIUSA'S POLICY

MAY I FOLD SOMEONE ELSE'S MODEL?

| | |
|---------------------------------|---|
| <i>For personal use:</i> | By law and by OrigamiUSA policy, YES, without permission. |
| <i>For public exhibition:</i> | By law, YES, without permission. OrigamiUSA recommends attribution to the creator. |
| <i>For charitable purposes:</i> | By law, YES, without permission. OrigamiUSA recommends attribution to the creator. |
| <i>For commercial use:</i> | By law, YES, as long as you do not use the creator's name for commercial purpose. OrigamiUSA recommends that you obtain written permission from the creator. |

MAY I DIAGRAM SOMEONE ELSE'S MODEL THAT I LEARNED INFORMALLY?

| | |
|---|--|
| <i>For personal use:</i> | By law and by OrigamiUSA policy, YES, without permission. |
| <i>For distribution and/or publication:</i> | By law, YES, but OrigamiUSA recommends written permission from and attribution to the creator. |

I HAVE A NEW METHOD OF FOLDING SOMEONE ELSE'S CREATION-DO I HAVE THE RIGHT TO DIAGRAM IT?

| | |
|---|--|
| <i>For personal use:</i> | By law and by OrigamiUSA policy, YES, without permission. |
| <i>For distribution and/or publication:</i> | By law, YES, but OrigamiUSA recommends written permission from and attribution to the creator. |

MAY I PHOTOCOPY SOMEONE ELSE'S ORIGAMI DIAGRAMS?

| | |
|---|---|
| <i>For personal use:</i> | By law and by OrigamiUSA policy, YES, if they meet the legal requirement of "fair use" as detailed above. Please note, that OrigamiUSA's library of books and diagrams is currently available for reference only. We are not equipped to permit or provide photocopies. |
| <i>For distribution and/or publication:</i> | By law and by OrigamiUSA policy, YES, with written permission of the creator and the copyright holder of the diagrams, and with attribution to both. |

MAY I REDRAW SOMEONE ELSE'S DIAGRAMS AND USE THEM AS MY OWN?

| | |
|---|--|
| <i>For personal use:</i> | By law and by OrigamiUSA policy, YES, if they meet the legal requirement of "fair use" as detailed above. Re-drawing is a copying of the diagram. |
| <i>For distribution and/or publication:</i> | By law and by OrigamiUSA policy, YES, with written permission of the creator and the copyright holder of the diagrams, and with attribution to both. |

MAY I TEACH SOMEONE ELSE'S MODEL?

By law and by OrigamiUSA policy, YES, without permission. OrigamiUSA recommends attribution to the creator, and we do ask the permission of creators to teach their models at events where we collect fees.

MAY I MAKE A VIDEOTAPE OF A PERSON TEACHING SOMEONE ELSE'S MODEL, AND SELL THE TAPE?

By law and by OrigamiUSA policy, YES, with written permission of the creator and teacher.

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