

Christmas

\*  
Origami  
\*

Book

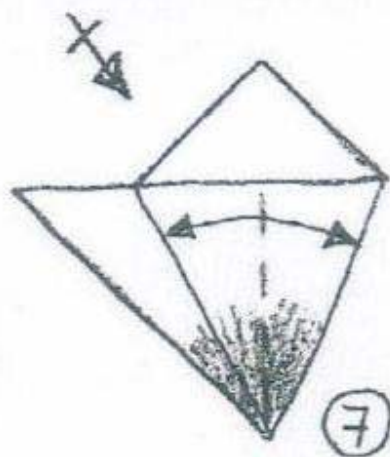
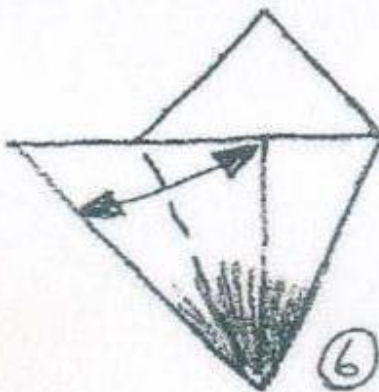
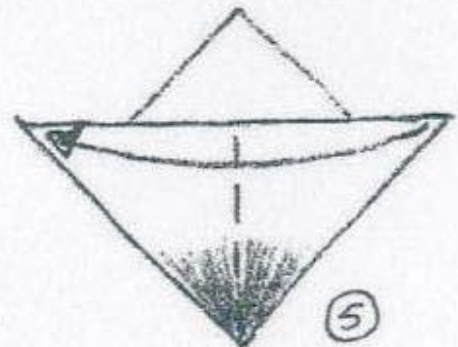
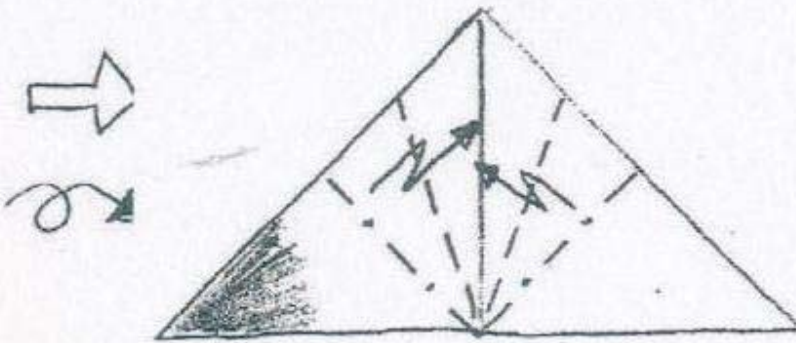
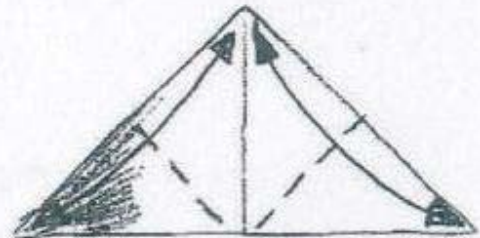
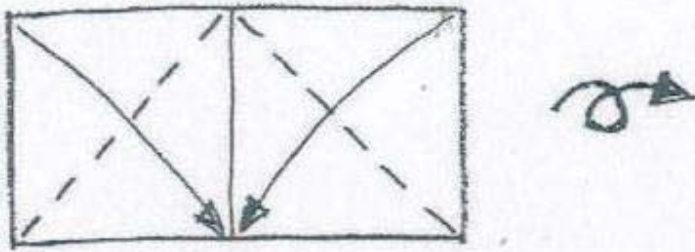
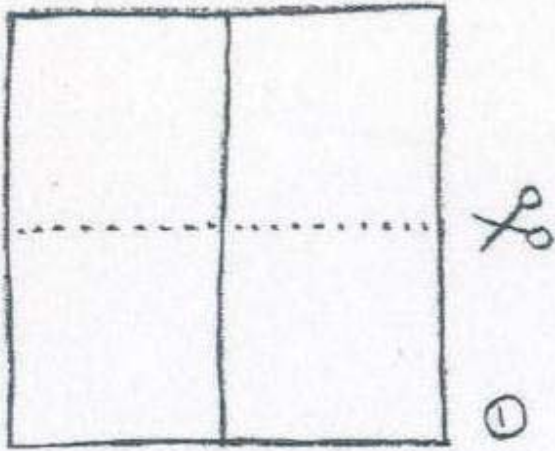
2007

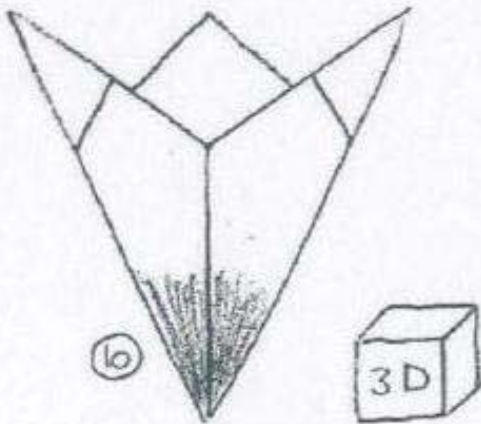
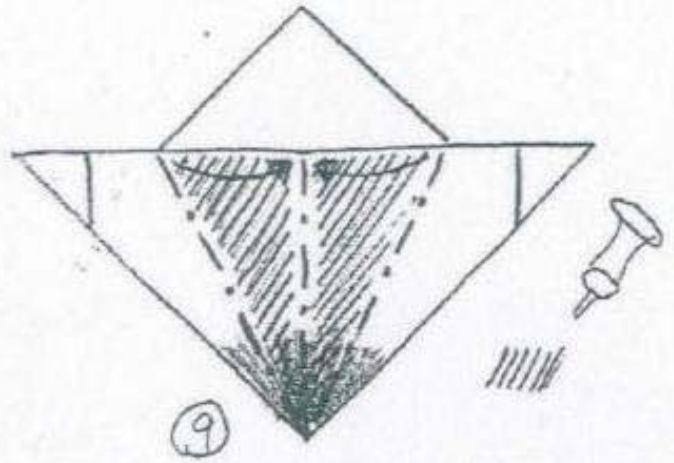
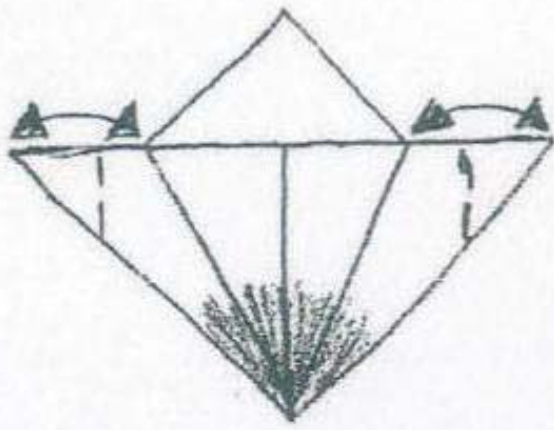
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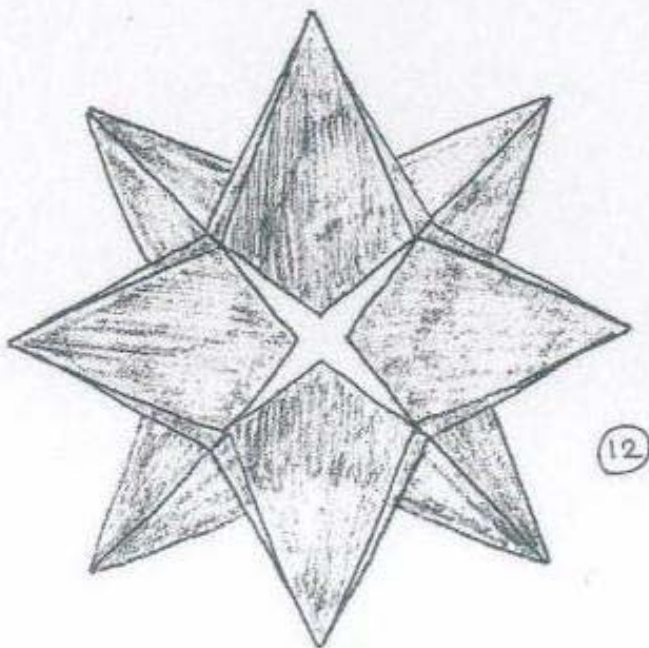
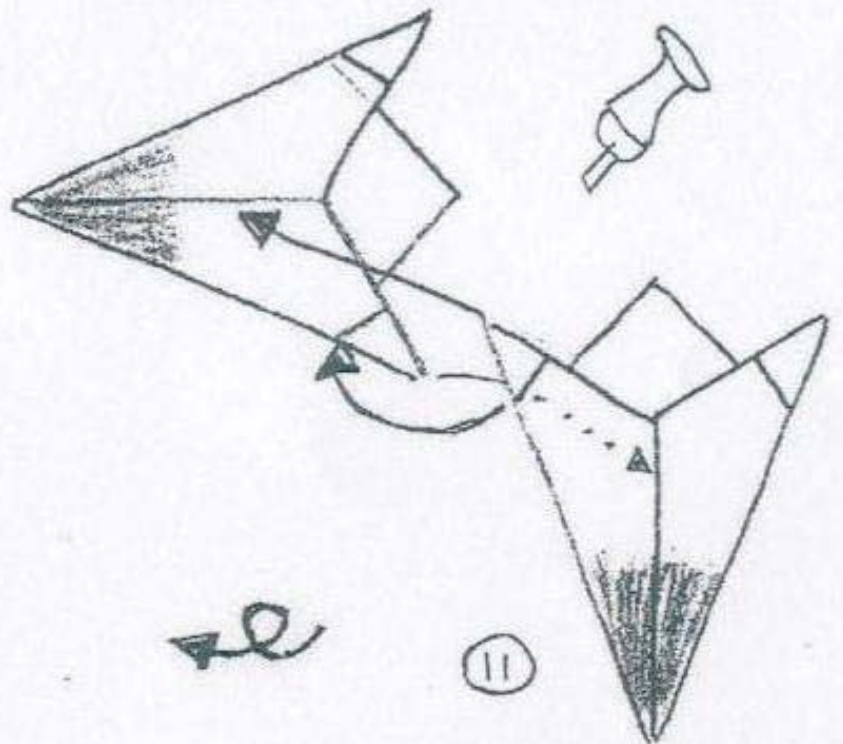
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# HANGING STAR





fold 8

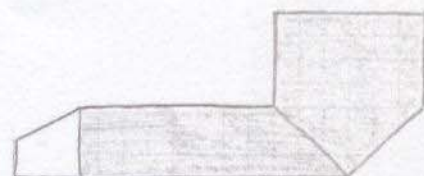
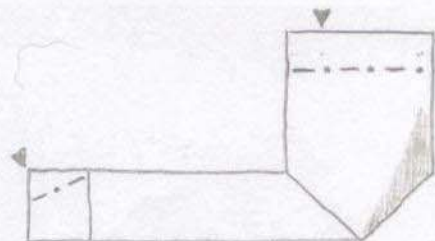
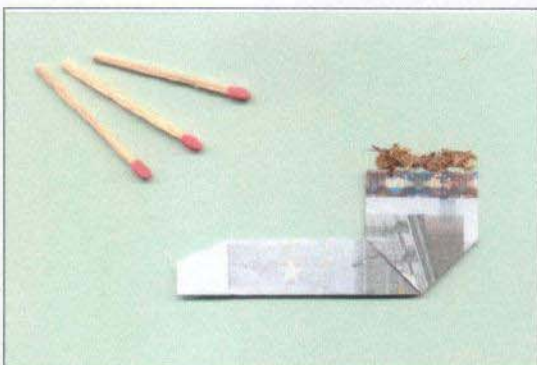
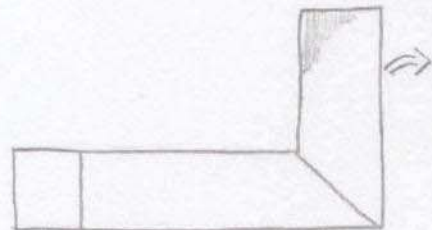
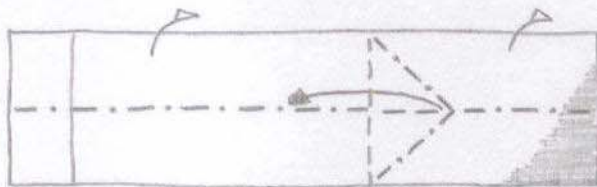
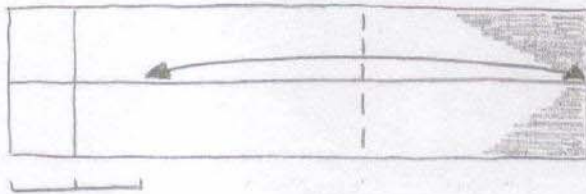
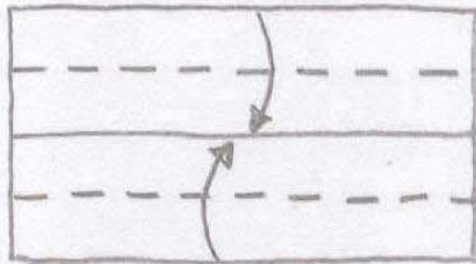
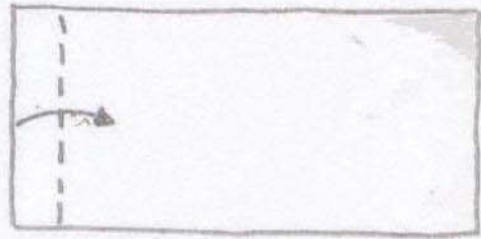


Glue 4 units together, glue the two stars back-to-back with a ribbon in between

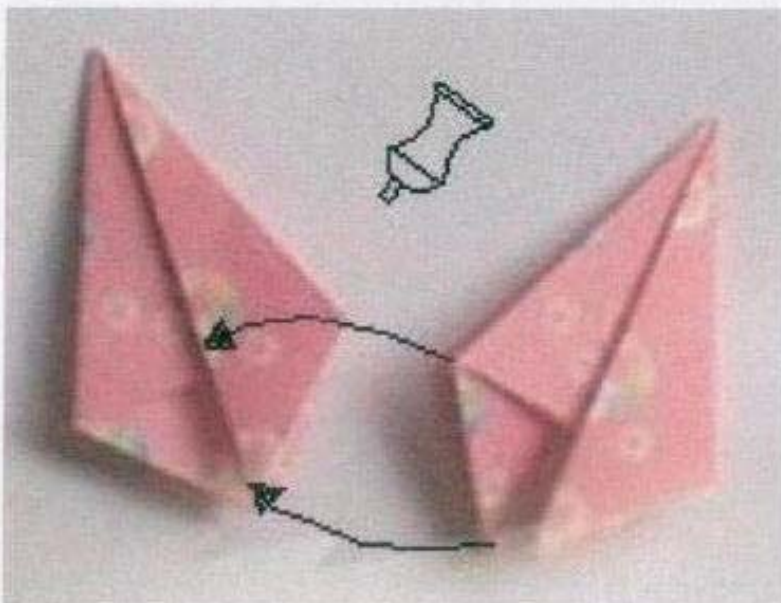
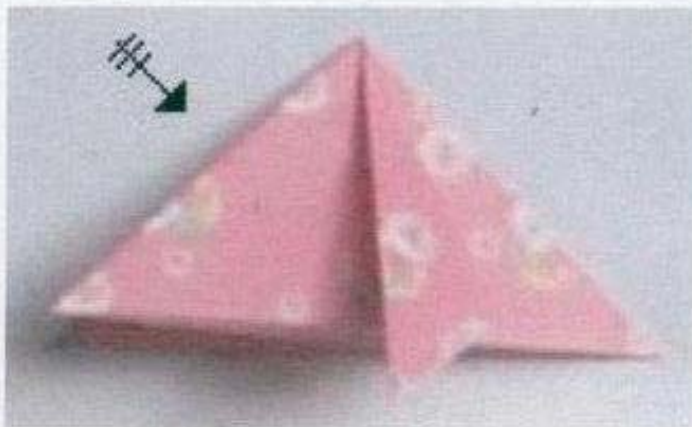
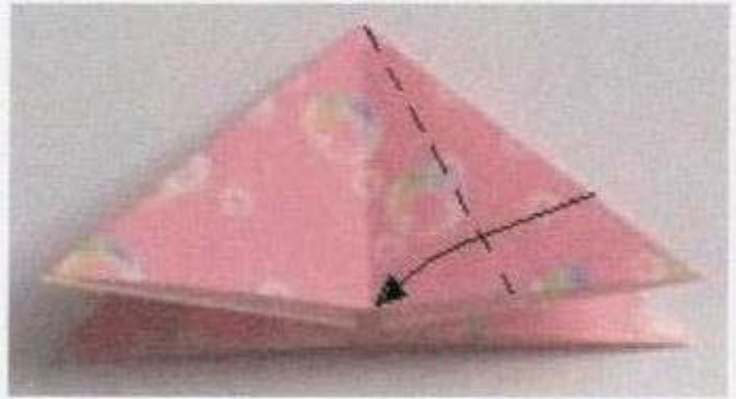
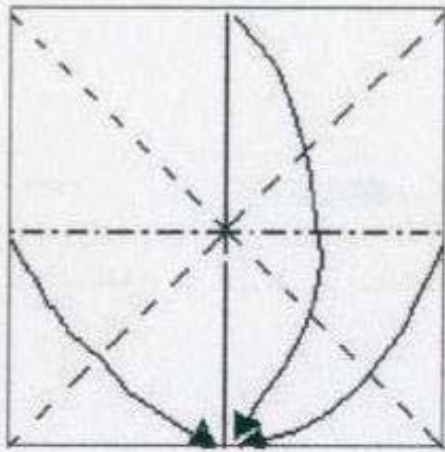
designed by A. Miranda van de Beek

# MONEY PIPE

designed by A. Miranda van de Beek



**O-STAR 2007**



Glue front flaps  
to front flaps  
and repeat  
behind



closed star



half open star

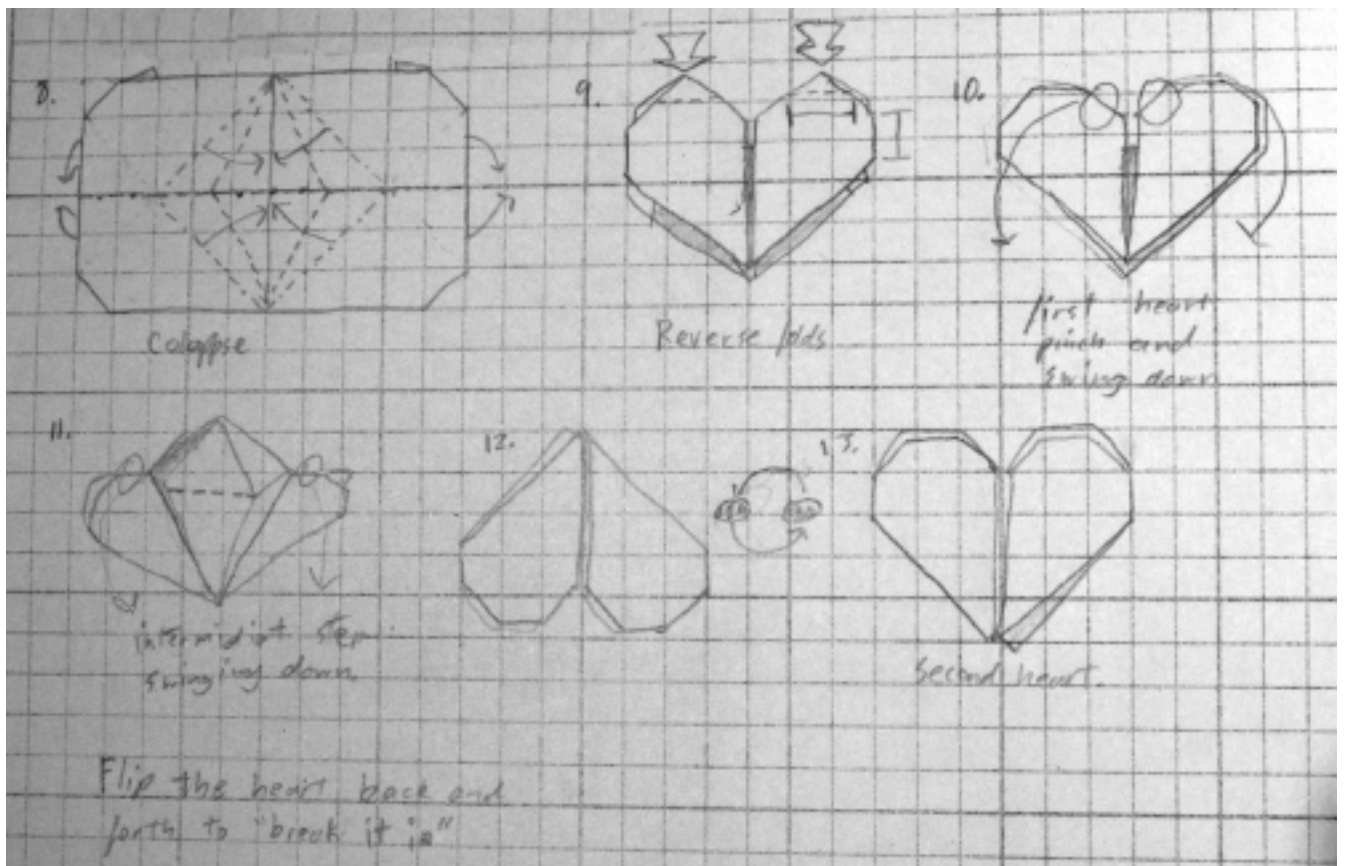
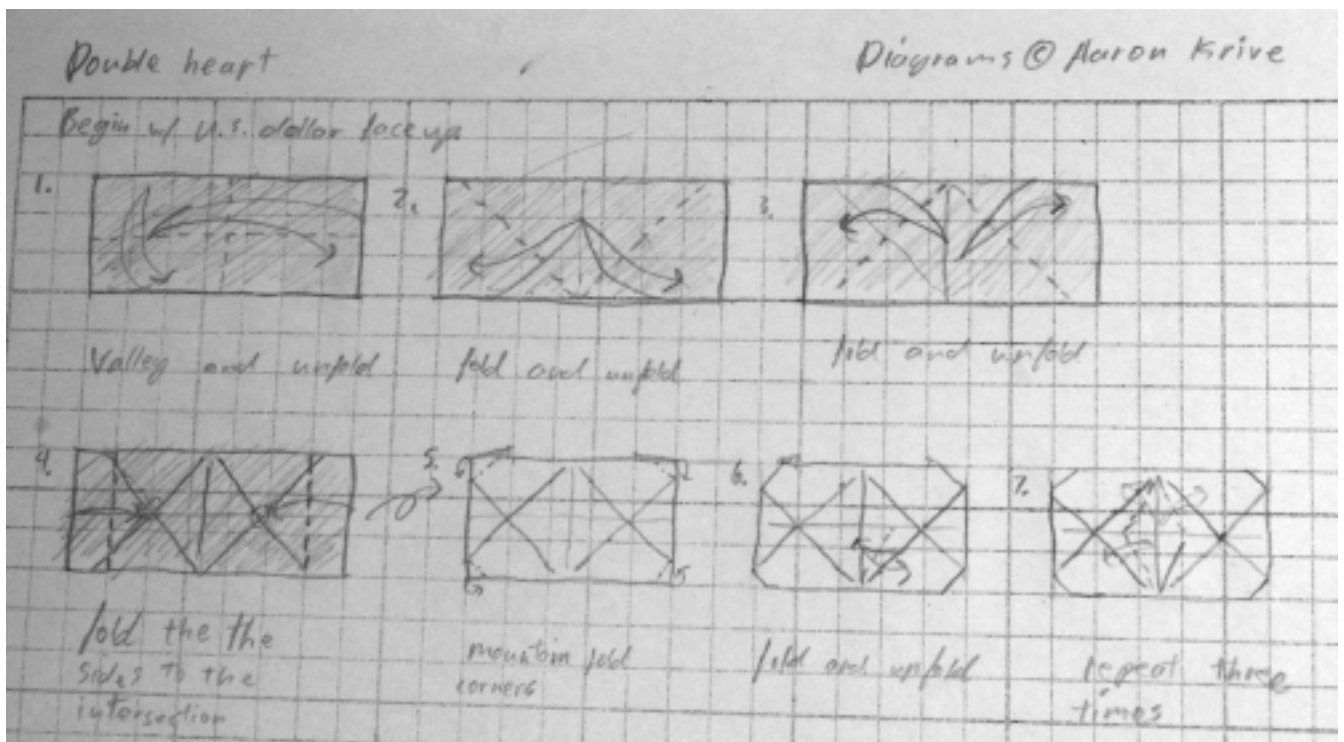


o-star

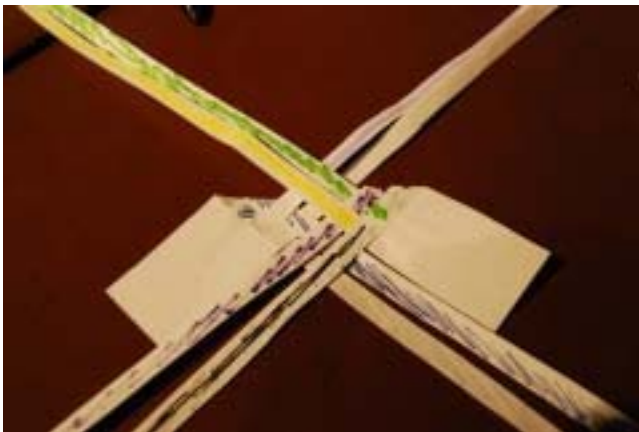
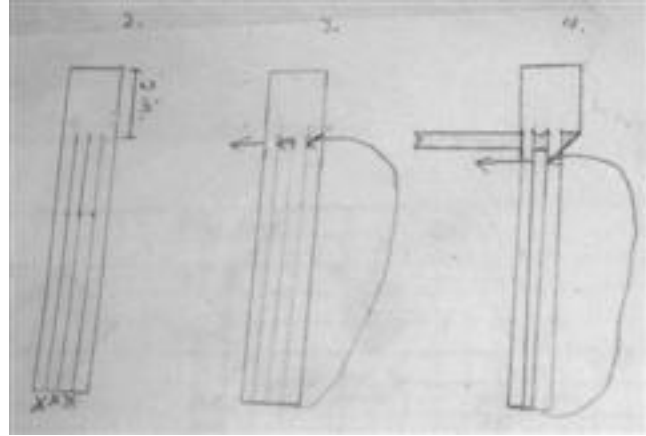
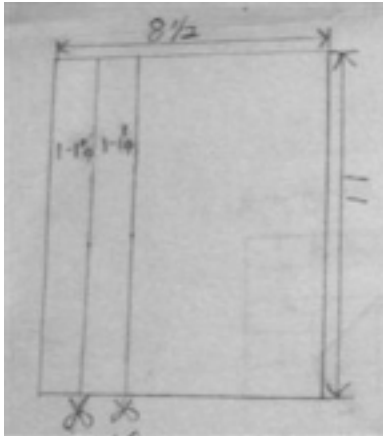
designed by  
A. Miranda van de Beek



# Aaron Krive - Double Heart



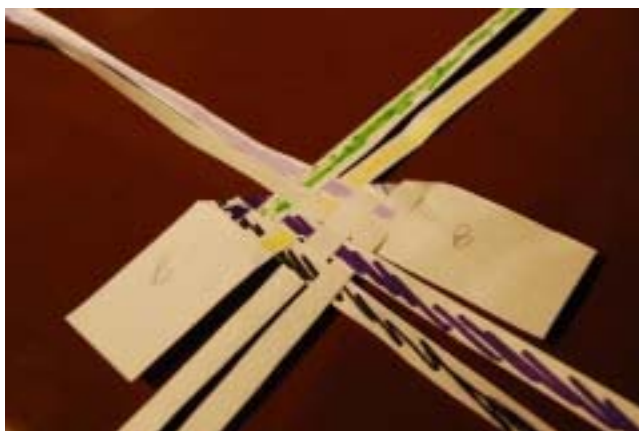
# Aaron Krive - Weaved Crane



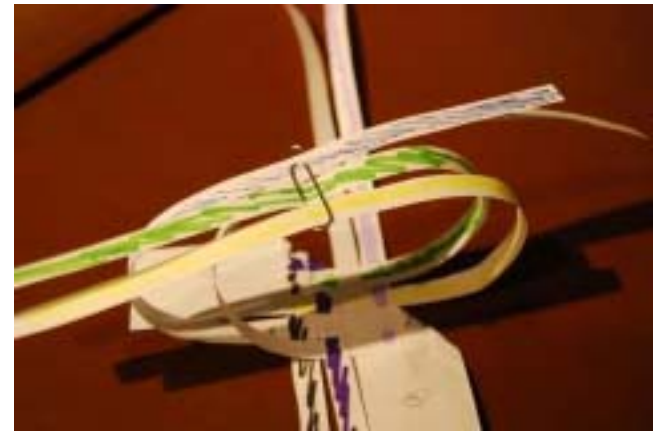
Weave the strips together



Flip over



Twist the top right and the bottom left pieces of paper up



Weave the bottom right and upper left flaps



Tighten the body a little



Like this



Weave the two flaps on the far right into the flap in the middle



Repeat on the other side



Repeat on the other end



Tighten the crane completely



Completed



Take the head pieces, put them all together and tie a knot



Cut the head a little



Like this



Take the tail flaps and tie one more knot near the body



Like this



Cut and curl the wings to taste



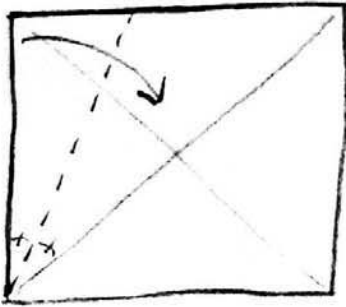
The finished crane

# Rhamphorhynchus

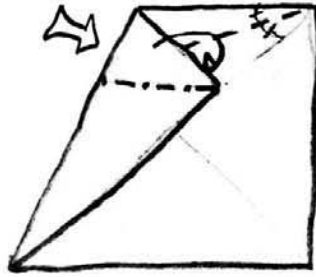
Designed and diagrammed by Andrew Hudson, Nov. 2007

This model is designed for the folder to practice the intermediate folds: the rabbit ear, the petal fold and the crimp. Variations to add more detail, such as the end of the tail, are left as an exercise to the reader.

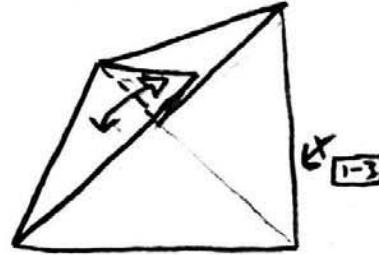
This model is most effective when folded from a 6 inch (15cm) or larger square of stiffer paper, such as printer paper.



1. Fold to center



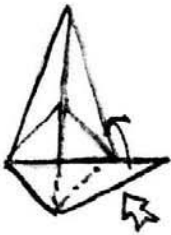
2. Reverse-fold underneath.



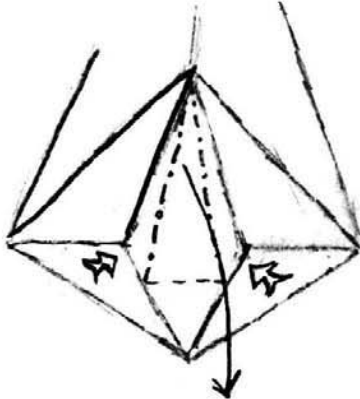
3. Fold and Unfold; repeat 1-3 on left side



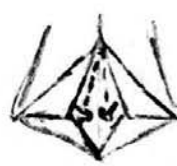
4. Rabbit-ear as in step 1-3



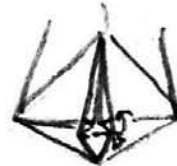
5. Squash-fold.



6. Petal-fold; explained in 6a-d.



6a. Fold to center



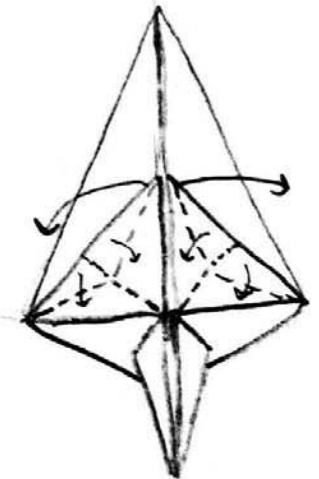
6b. Crease lightly



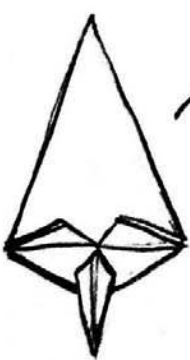
6c. Pull away the top layer.



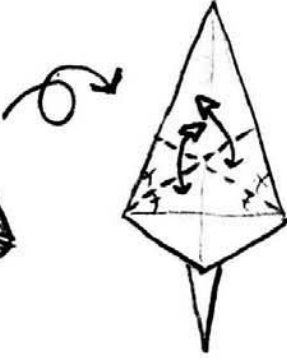
6d. Reverse the folds made in step 6a.



7. Rabbit-ear both sides.



8. Step 7 finished; turn over



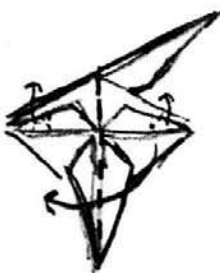
9. Fold angle bisectors



10. Rabbit-ear



11. Fold on existing creases



12. Crimp feet; fold model in half



13. Crimp



14. Crimp



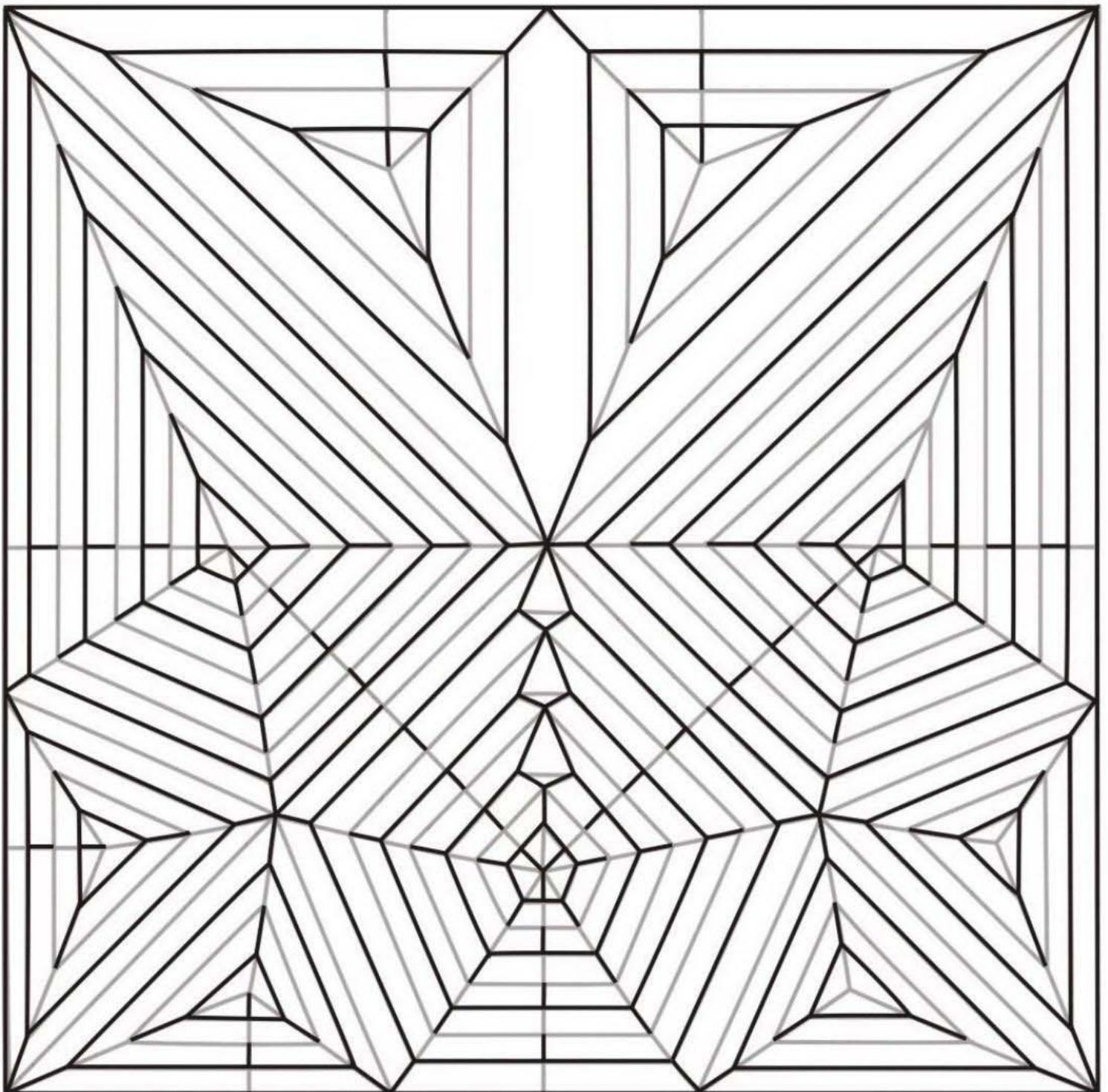
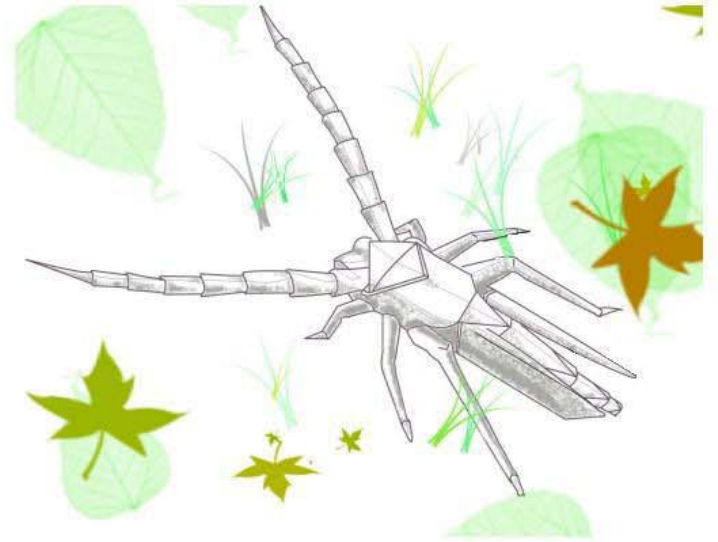
15. Fold eyes; Repeat behind

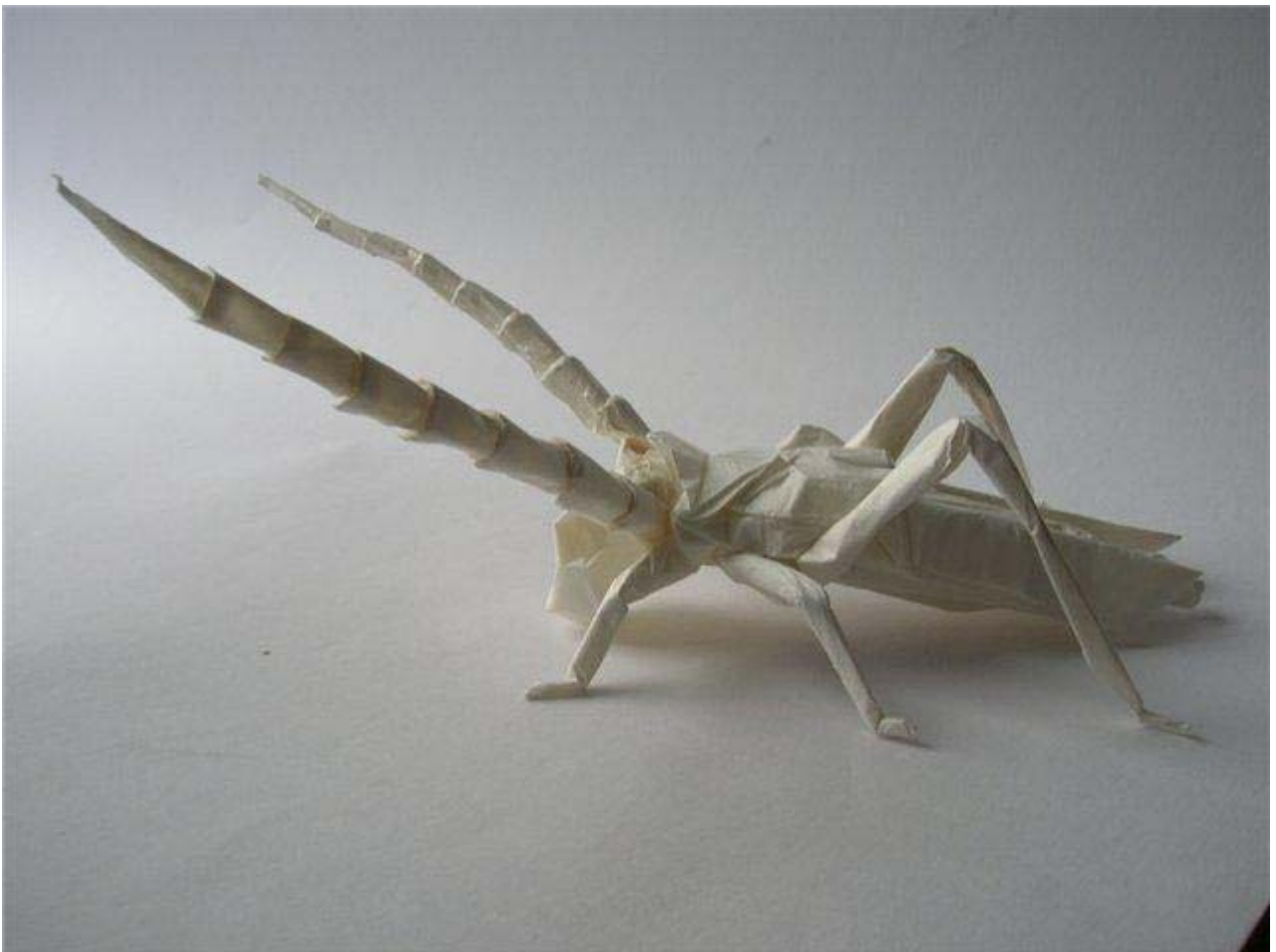
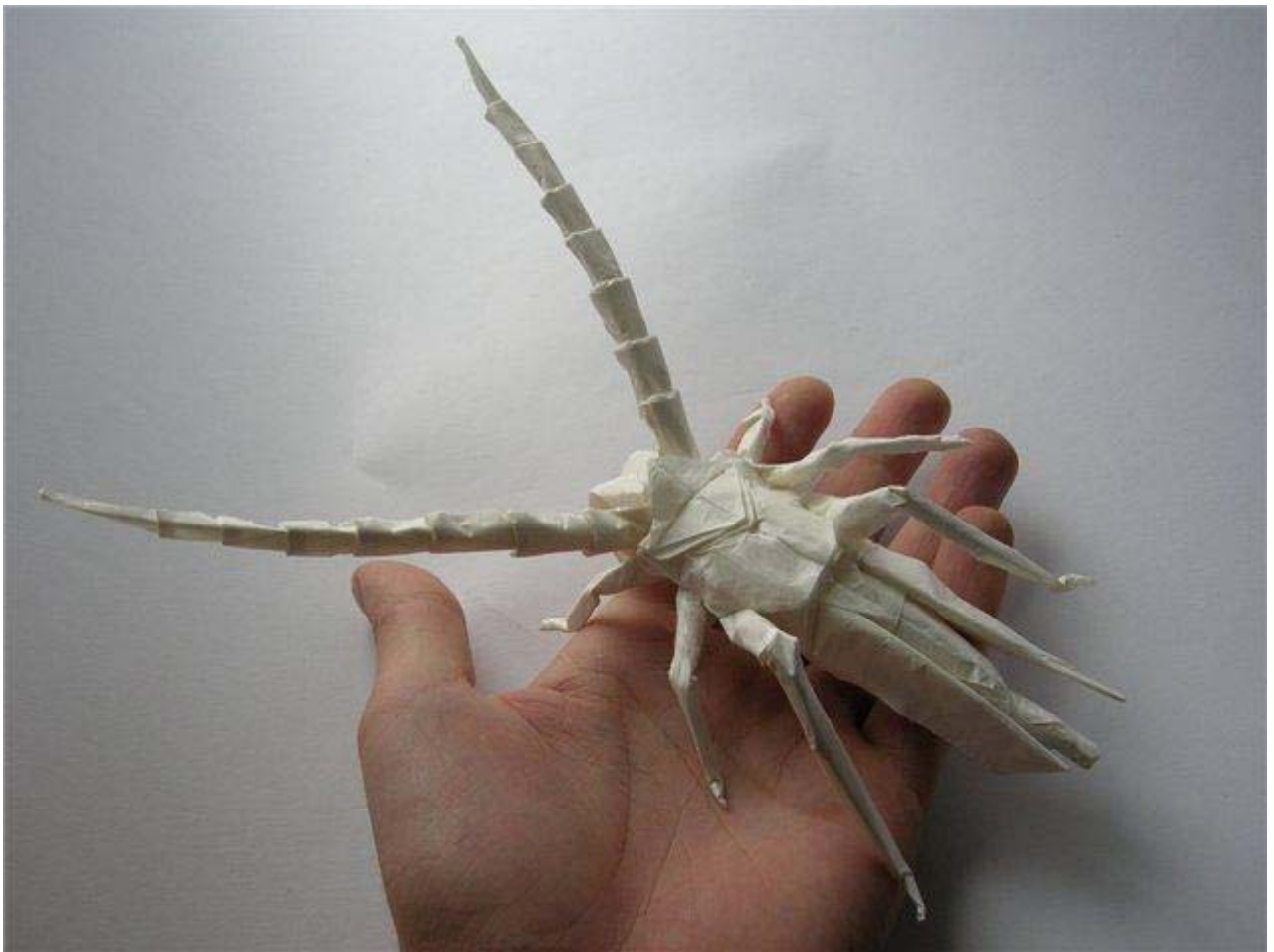


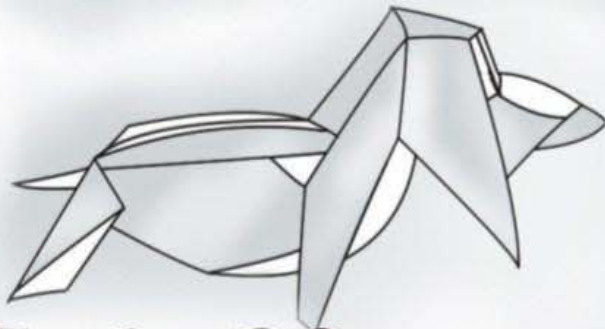
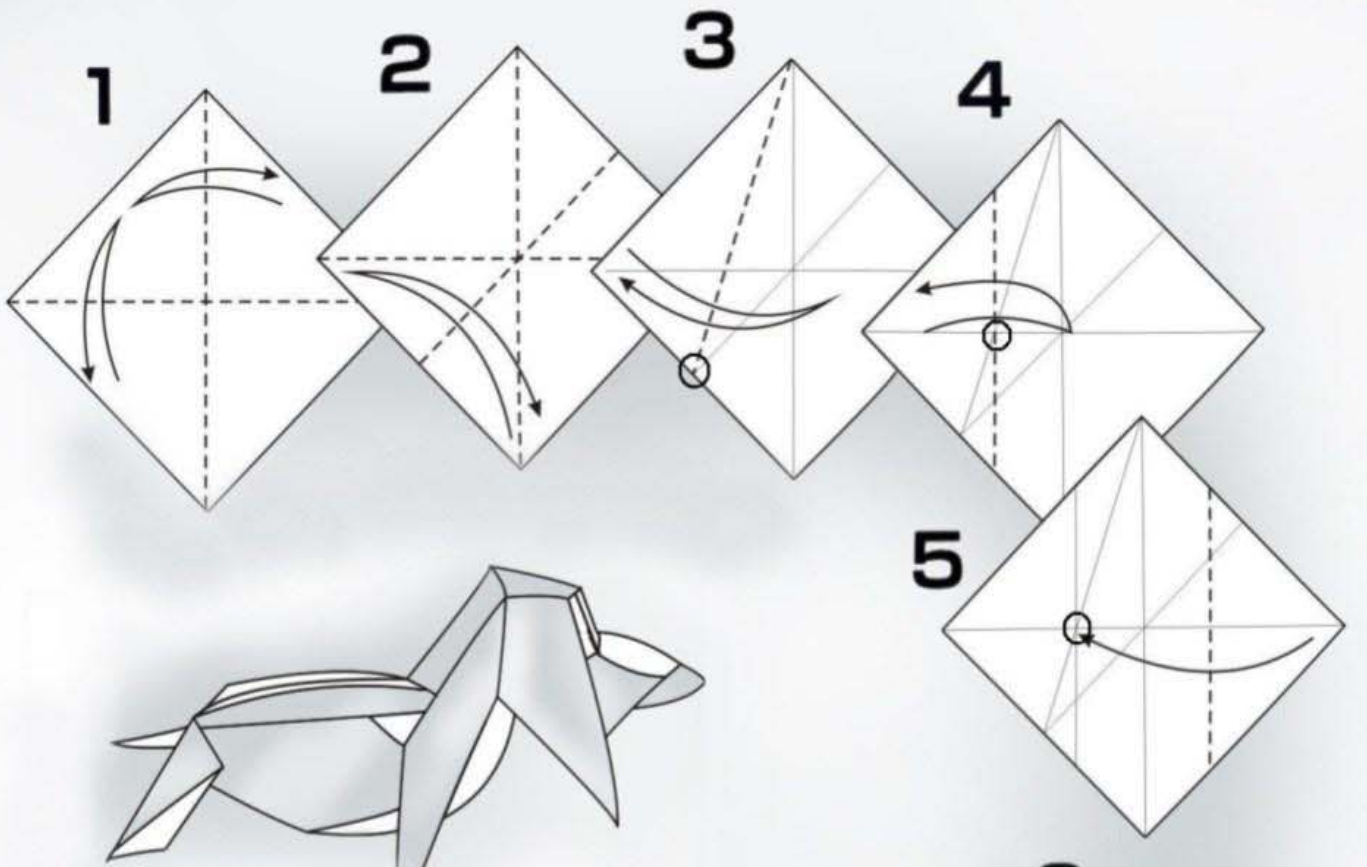
# CHORTIPPUS GR. BIGUTTULUS OP.27

DESIGNED BY ANDREY ERMAKOV  
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RECOMENDED SIZE 60-60

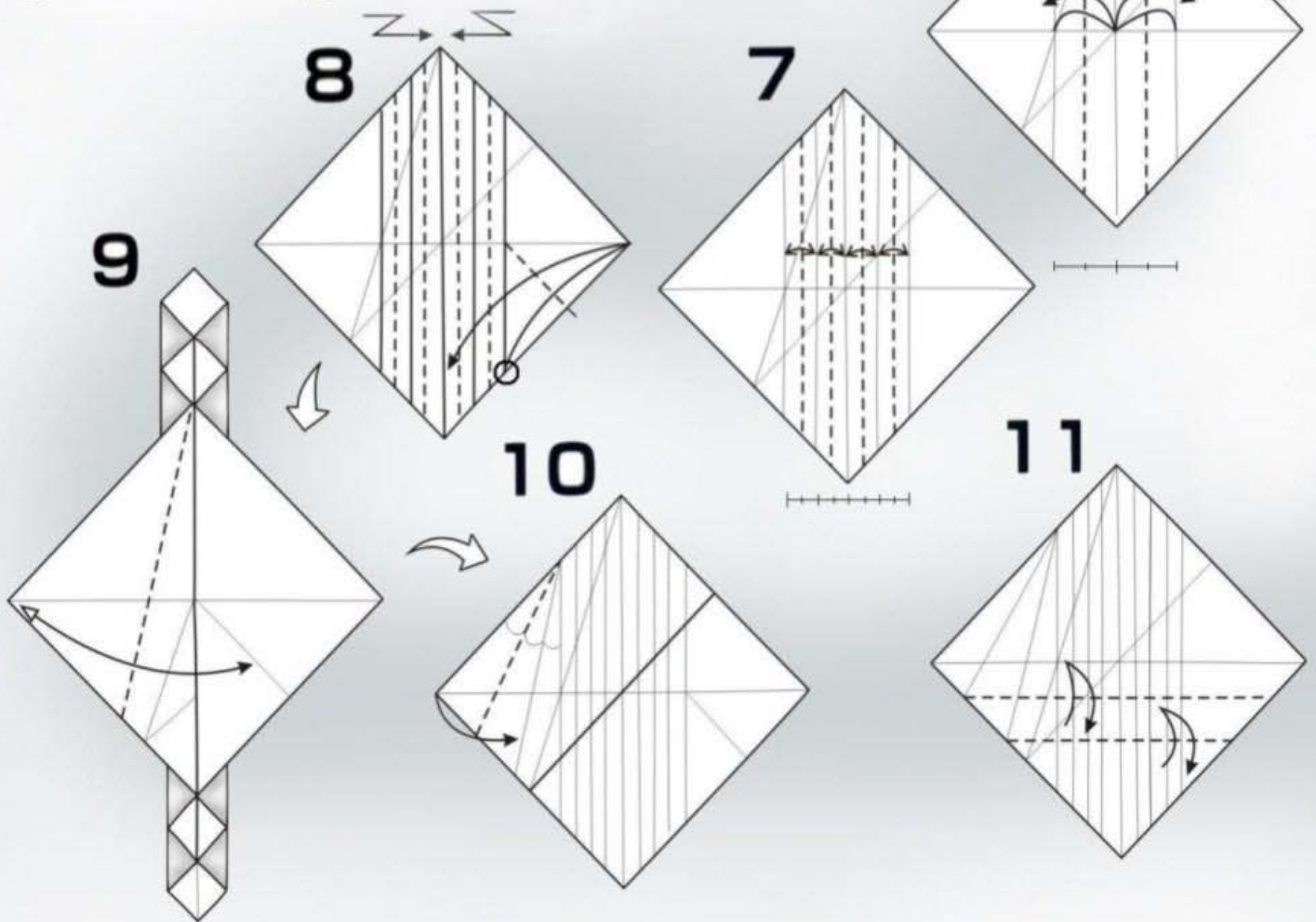






**NIKA Op.32**

**By Andrey Ermakov**

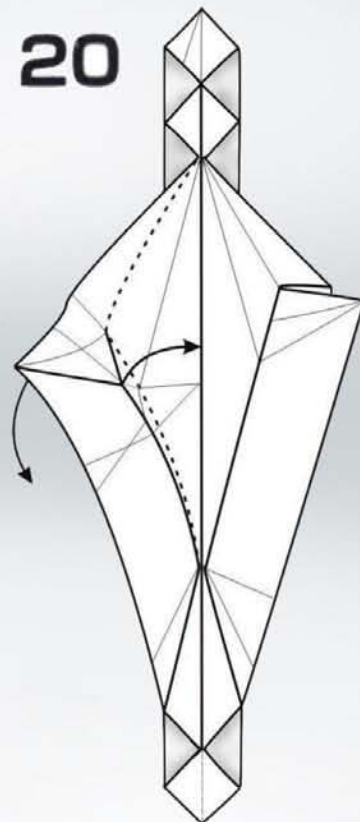
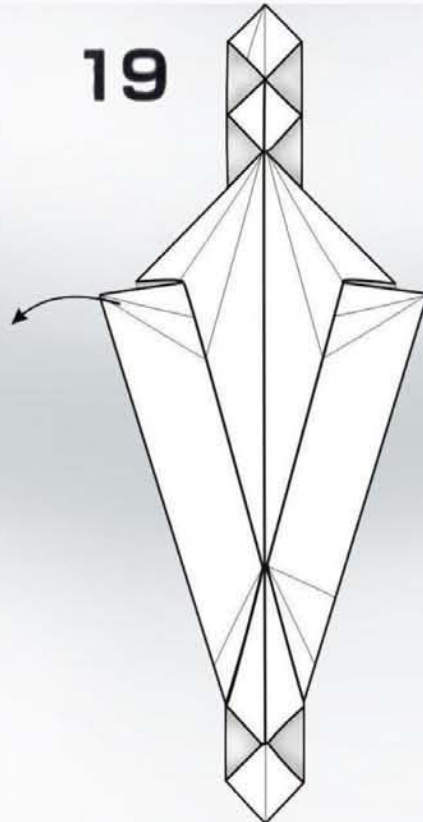
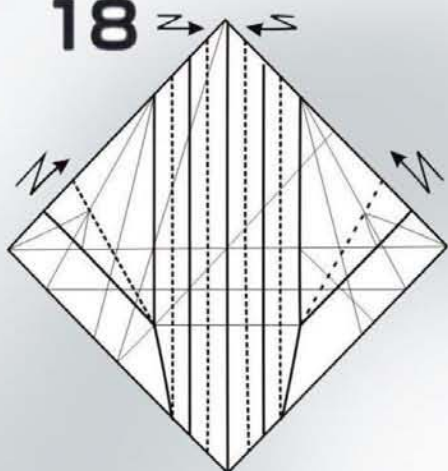




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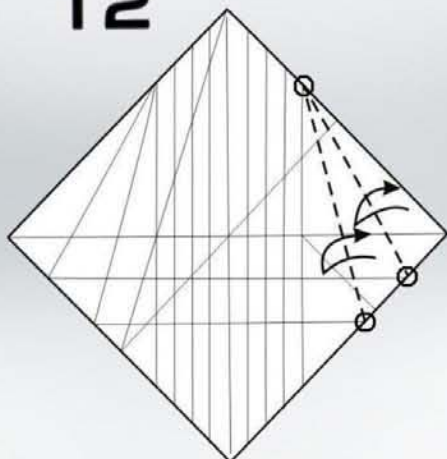
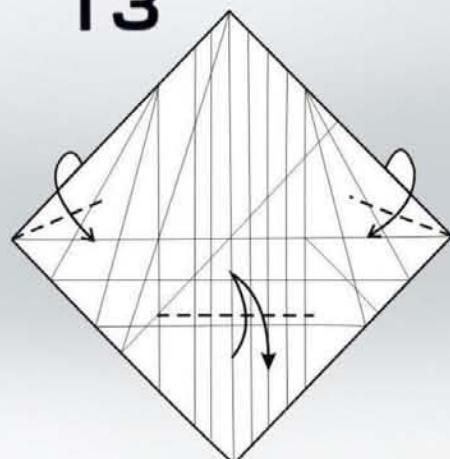
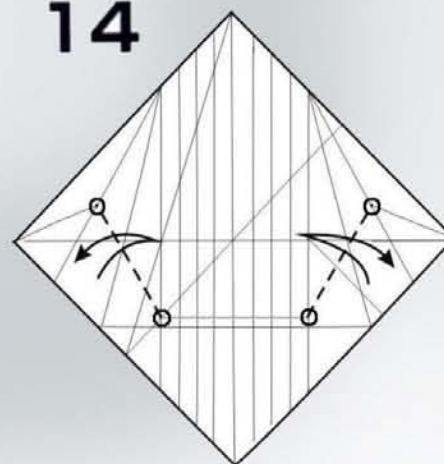
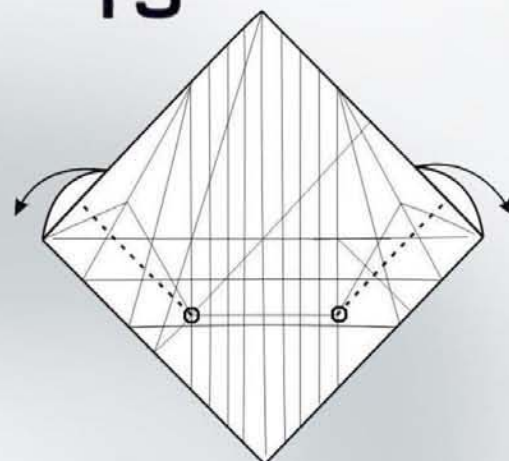
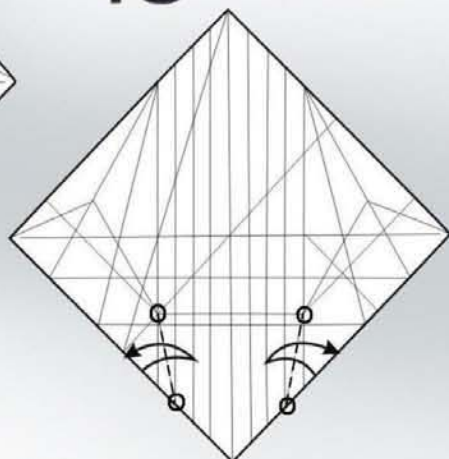
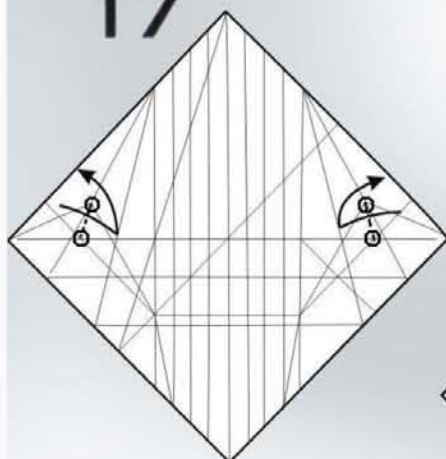
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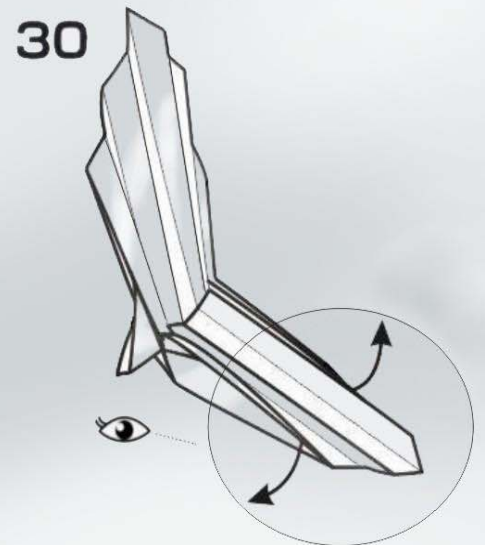
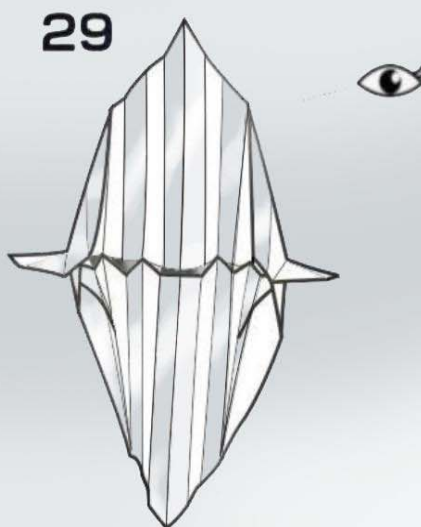
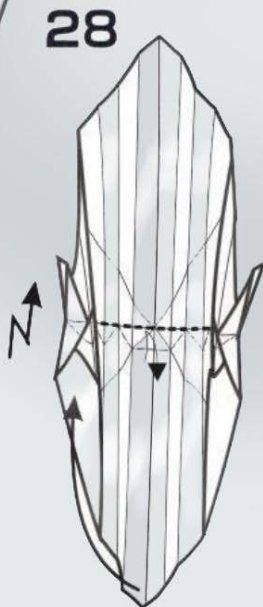
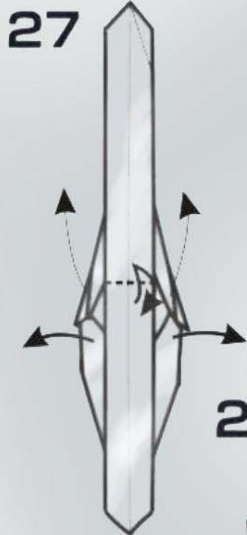
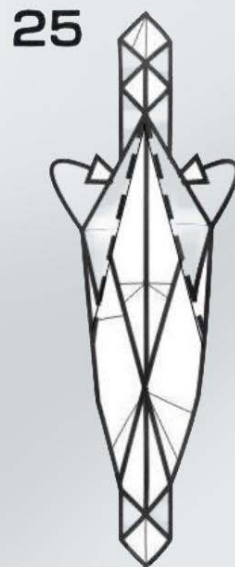
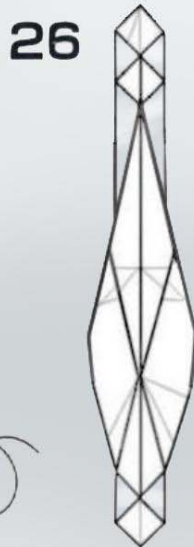
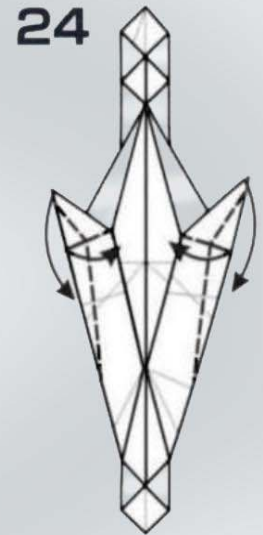
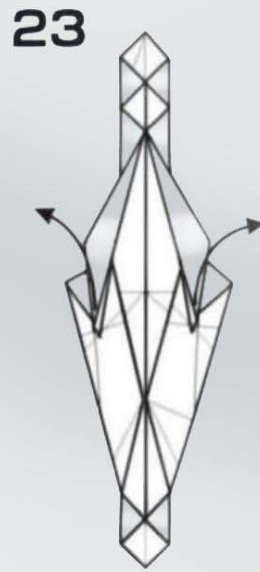
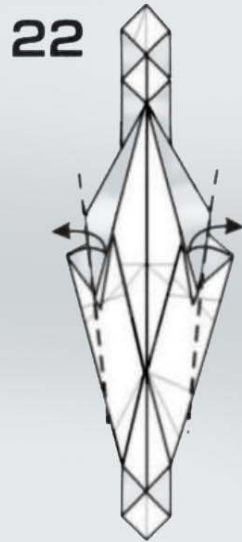
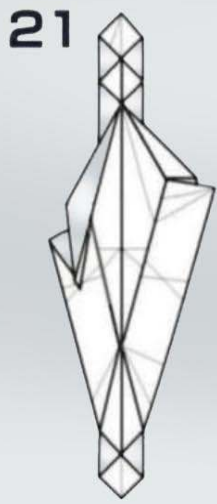
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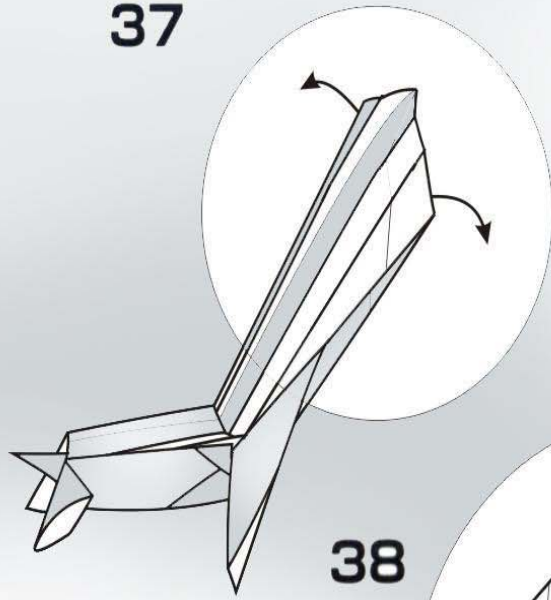
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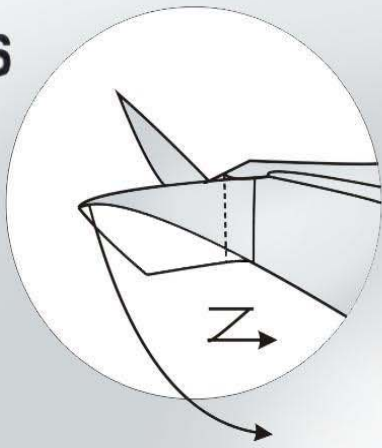




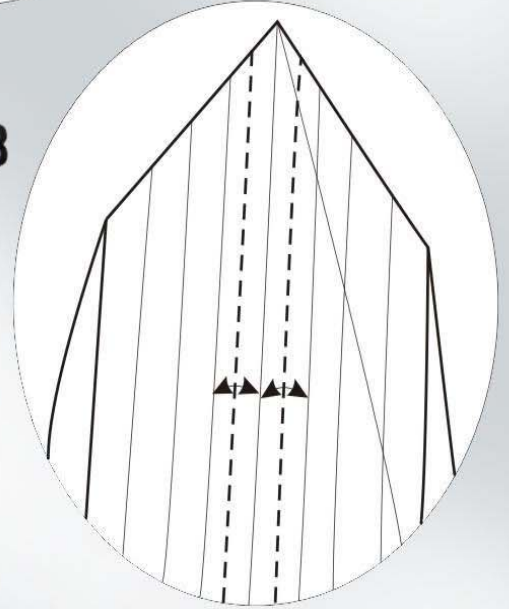
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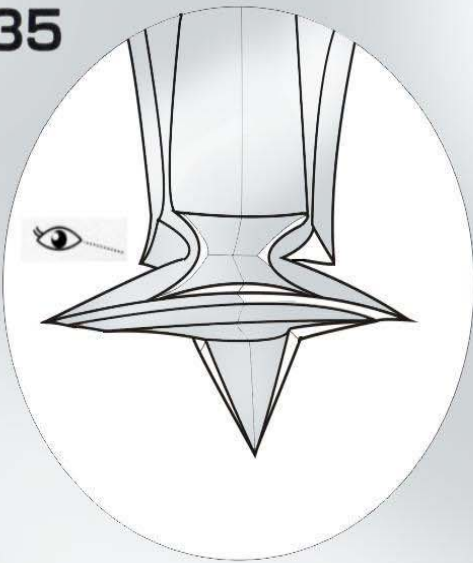
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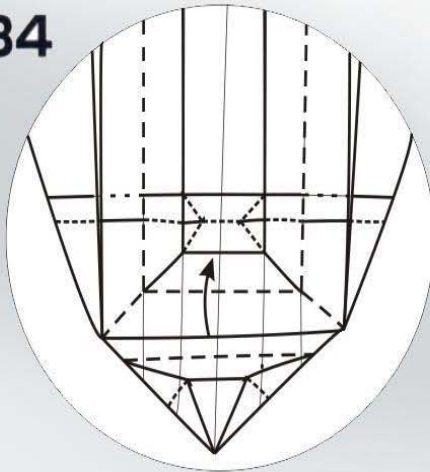
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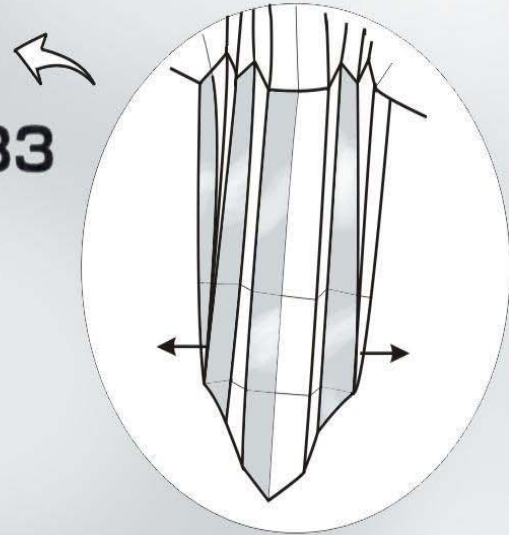
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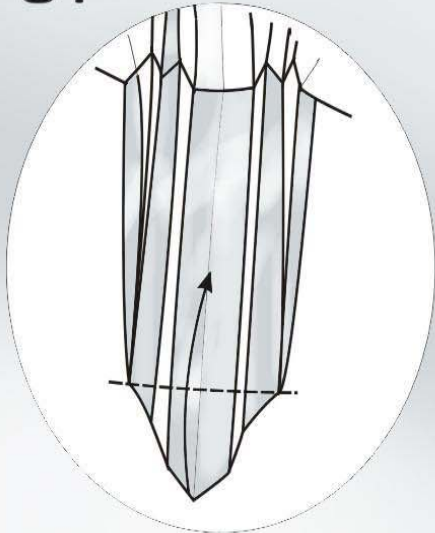
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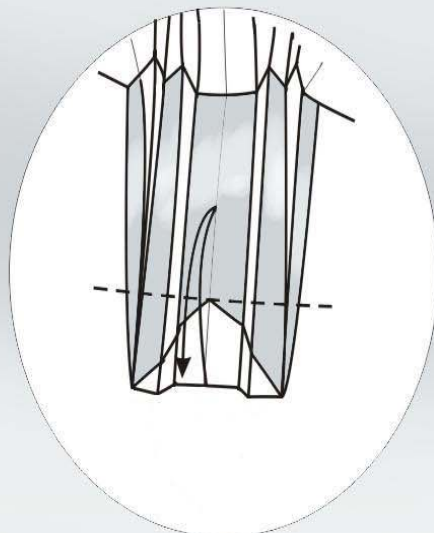
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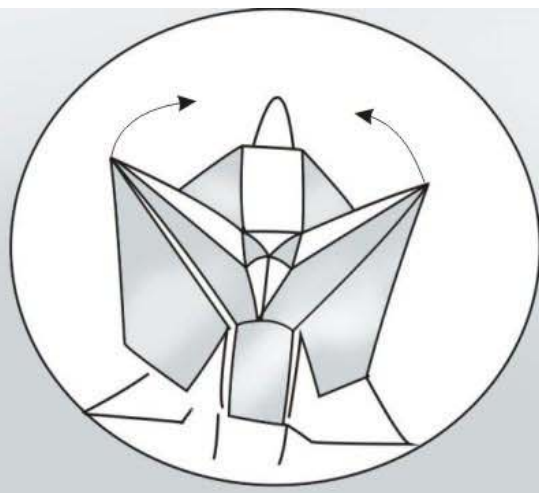
31



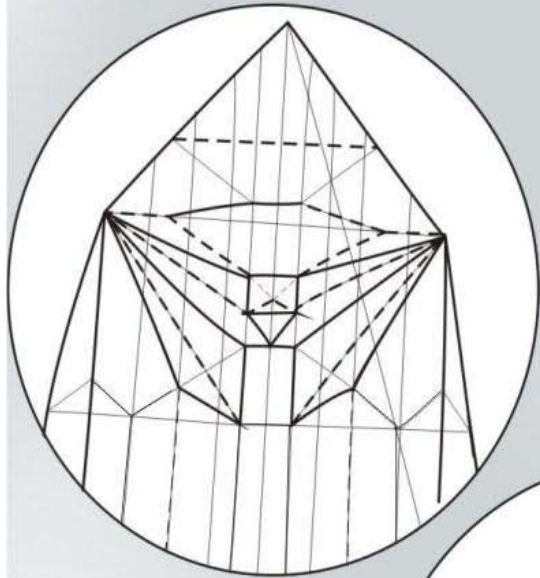
32



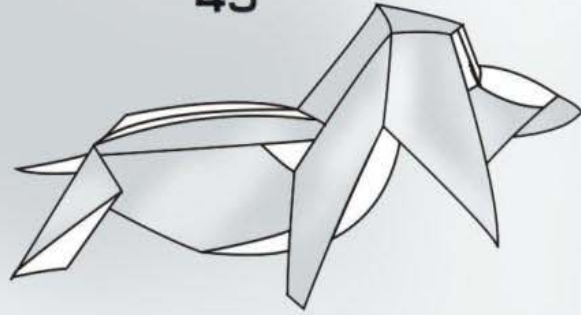
44



43

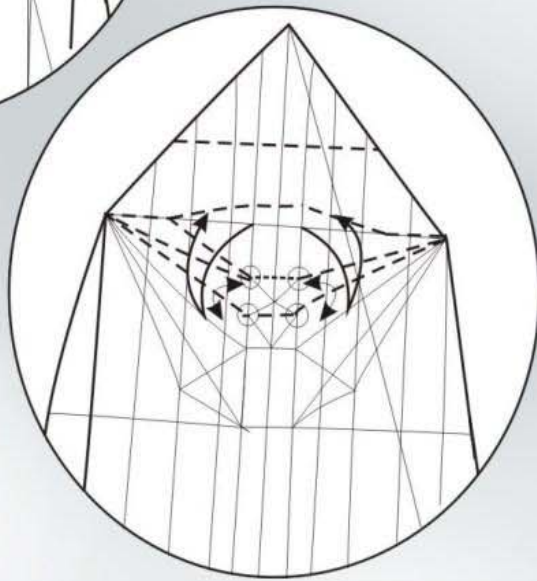


45

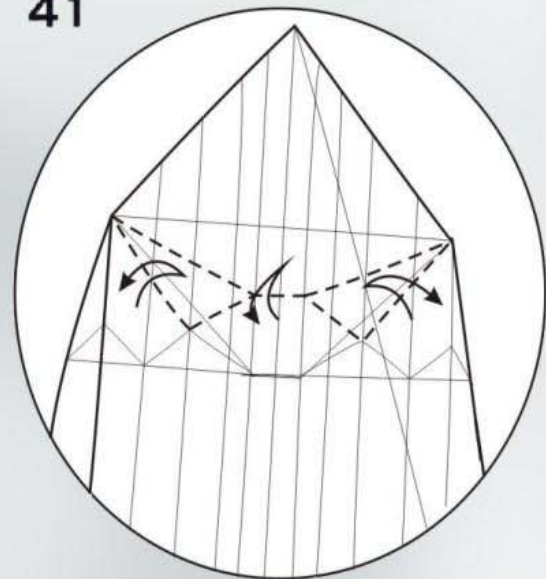


**Model completed.**

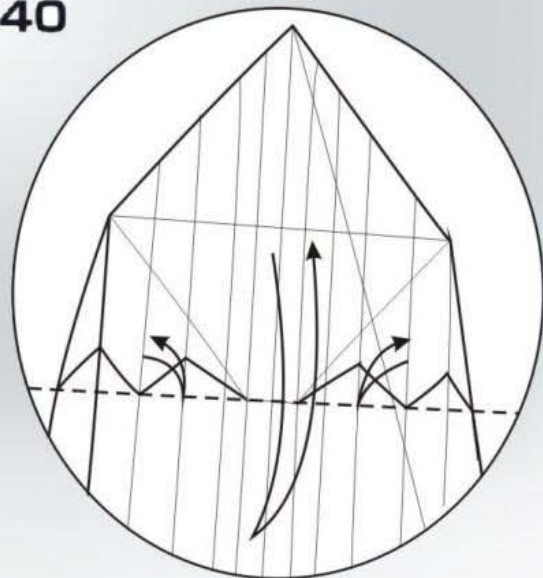
42



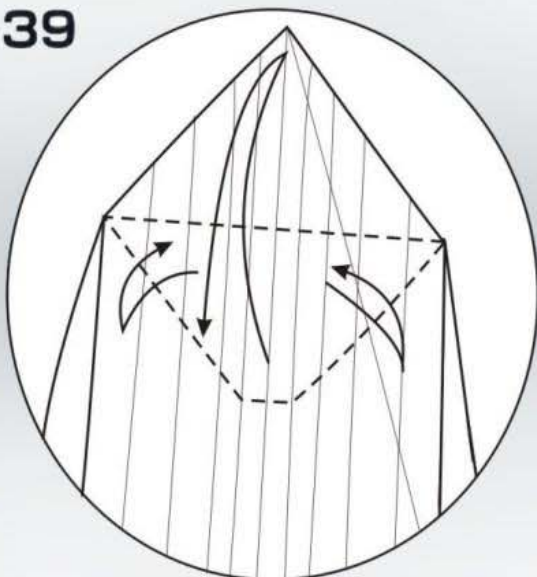
41



40



39

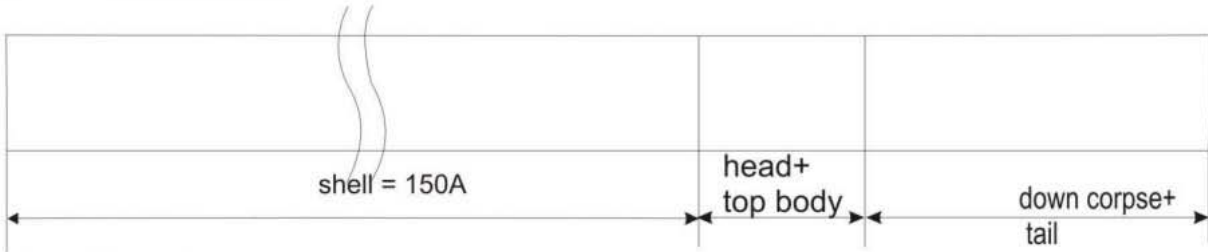
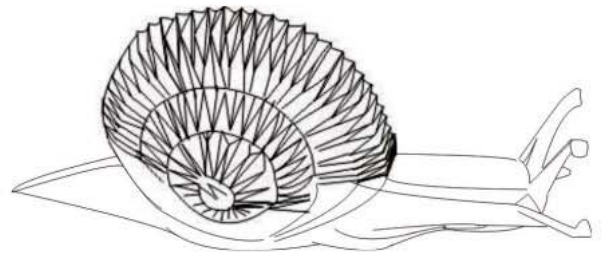




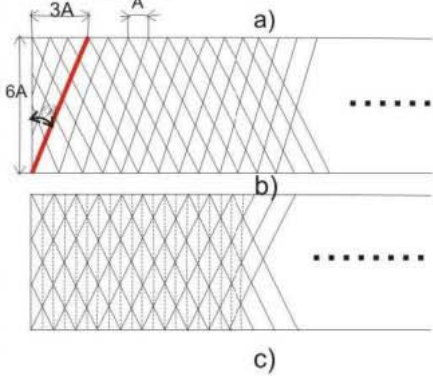
# "SNAIL"

AUTHOR ERIC JOISEL

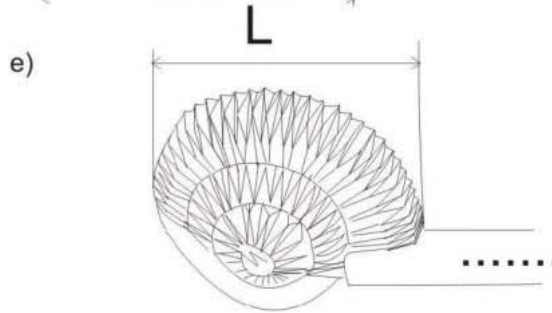
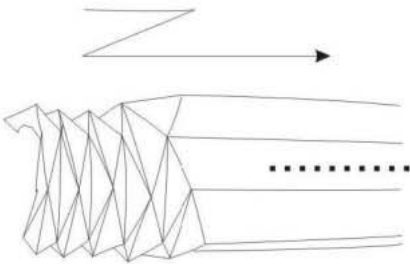
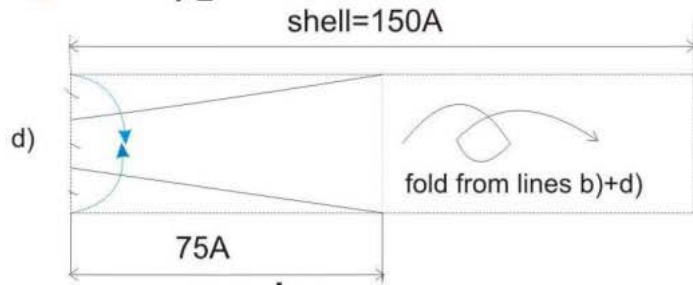
DIAGRAM BY ANDREY ERMAKOV



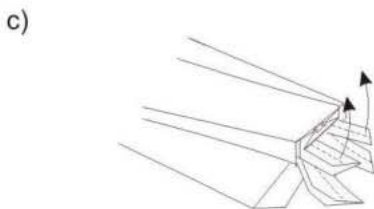
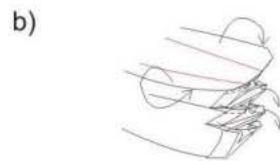
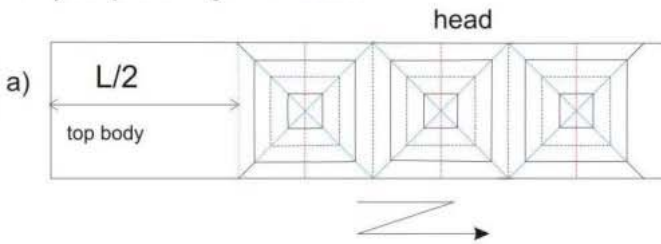
## 1. Shell



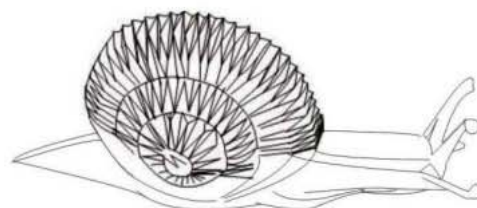
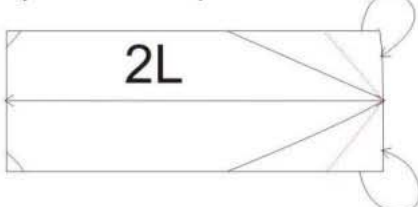
$$\text{tg } \mathcal{B} = \frac{1}{2}$$



## 2) top body + head



## 3)down corpse+tail



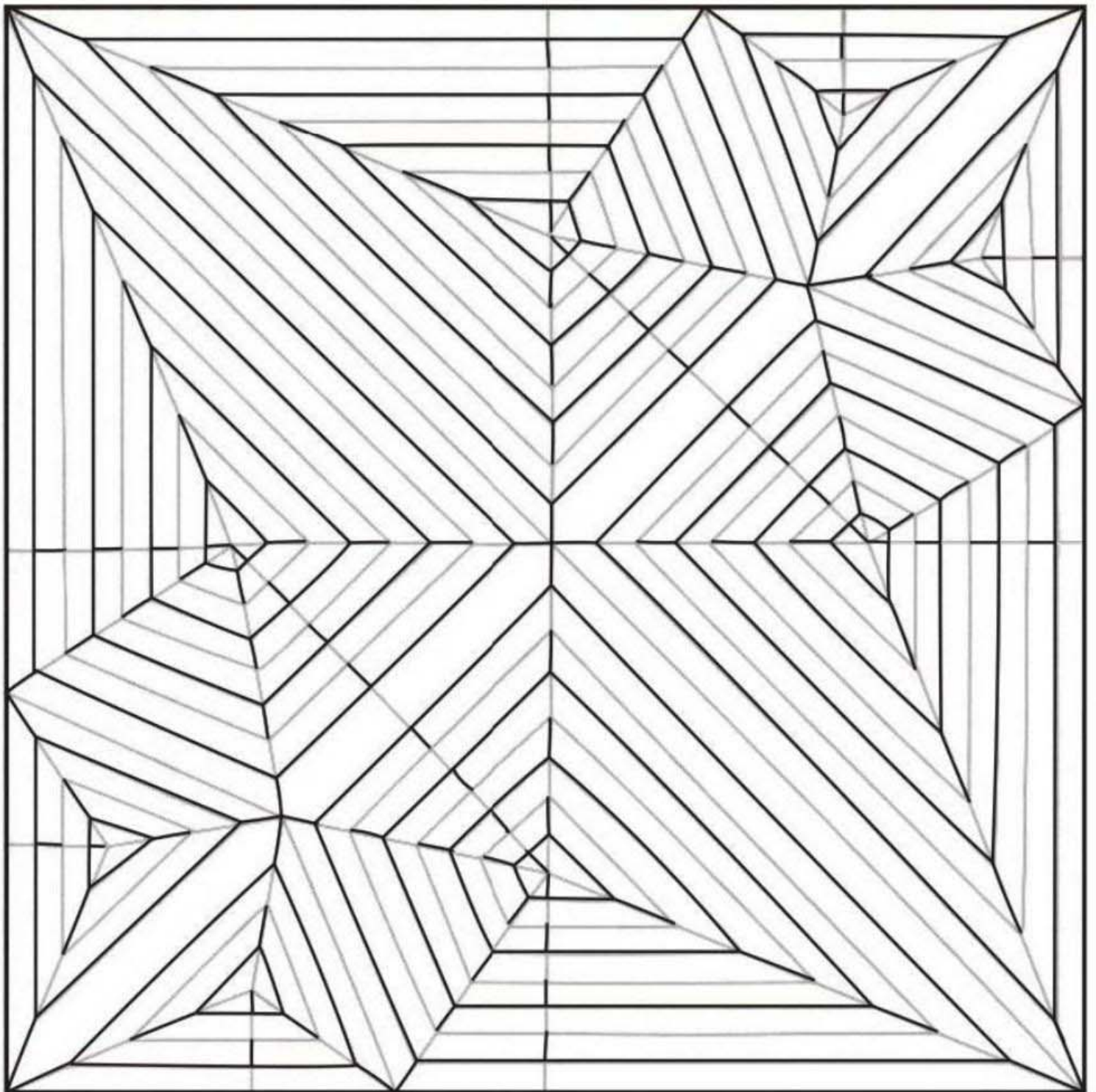
model completed

# STENOSTOLA FERREA (OP.23)

DESIGNED BY ERMAKOV ANDREY

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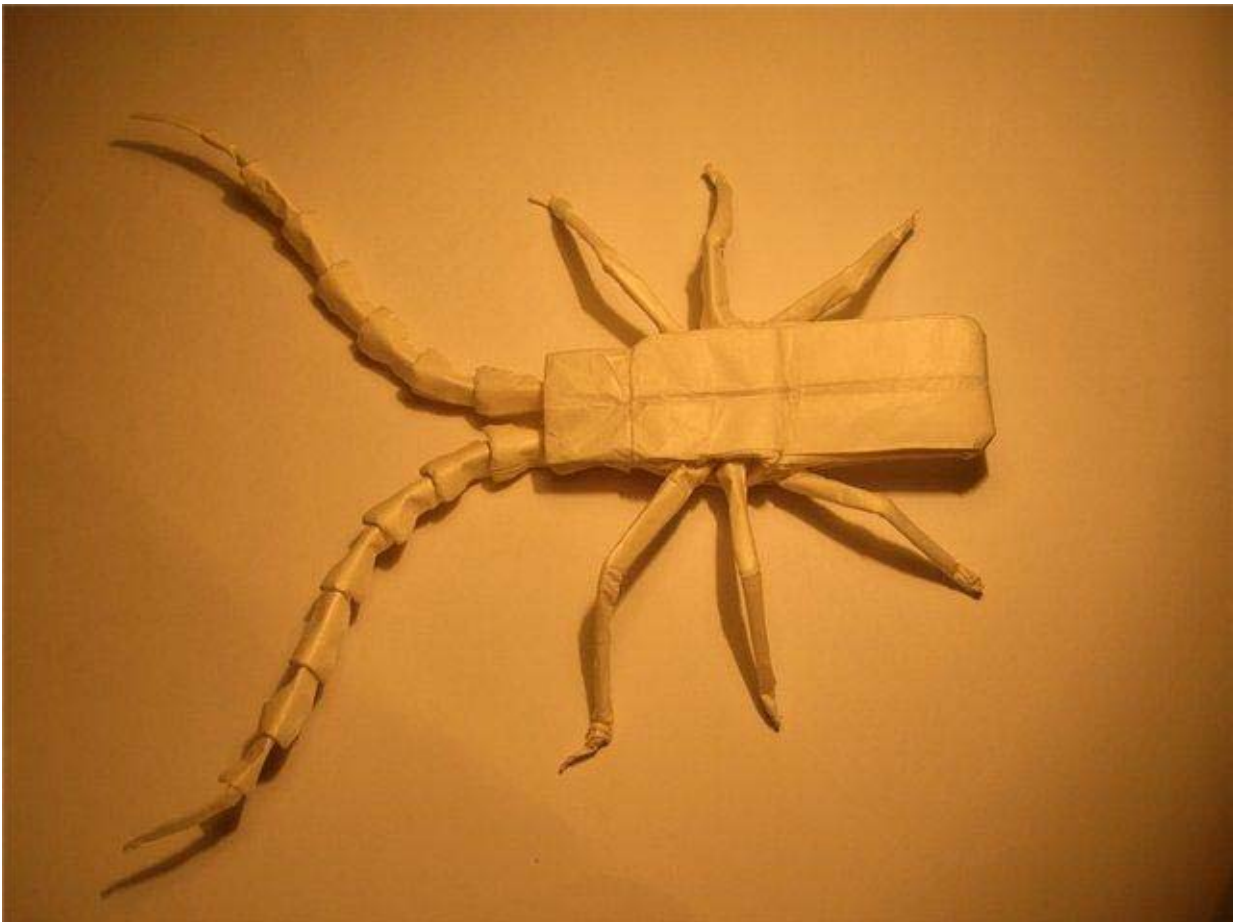
RECOMENDED SIZE 40-40 CM



## **VERSION 1**



## **VERSION 2**





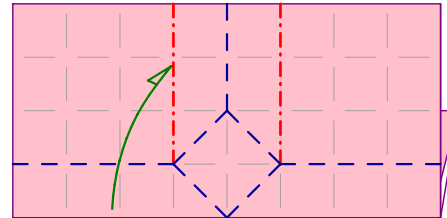
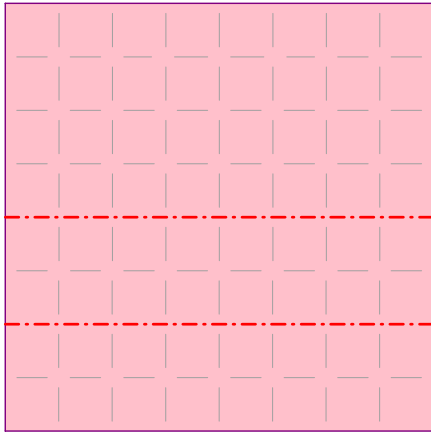
# Christmas heart

Lukyanov Andrey



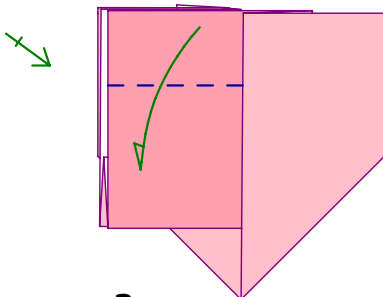
Crimea (Ukraine)

"When we are in love we often doubt that which we most believe ."  
~ La Rochefoucauld

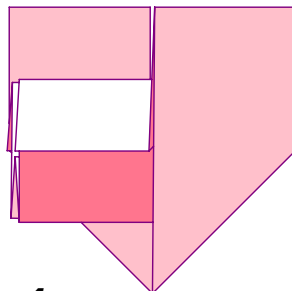


2

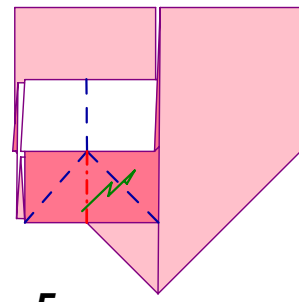
1.  $8 \times 8$



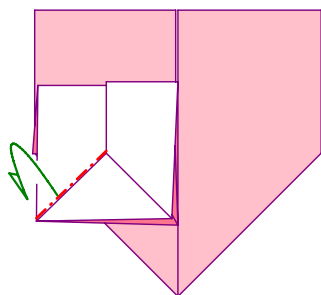
3



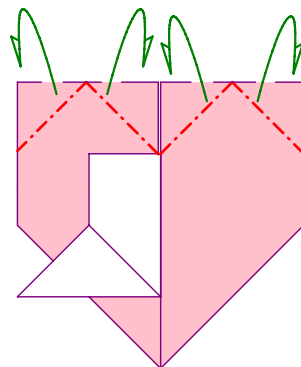
4



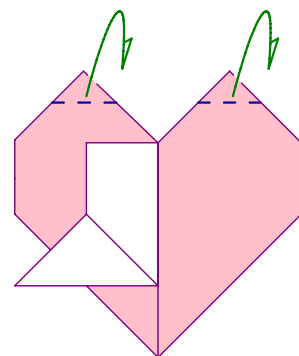
5



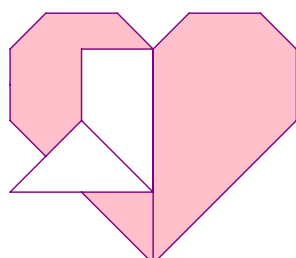
6



7



8



**Happy Christmas!**



25.12.06

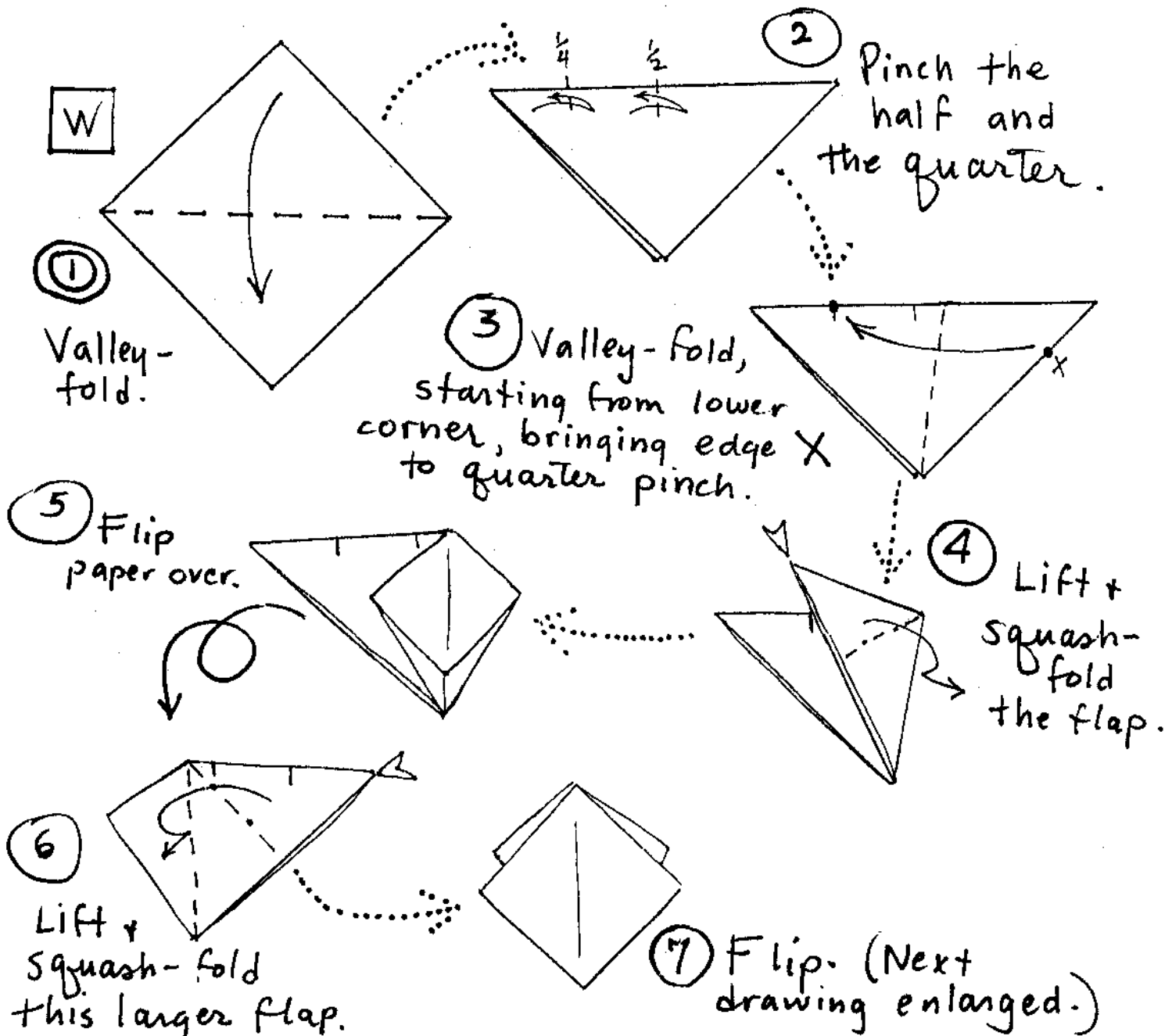
© Christmas heart by Lukyanov Andrey (Ukraine)

# EGYPTIAN SARCOPHAGUS WITH COBRA HEADDRESS

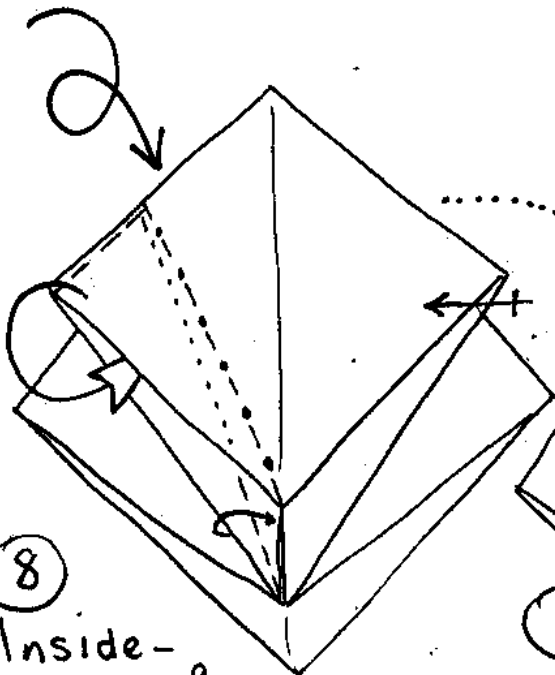
A  
E  
B

10.23  
2001

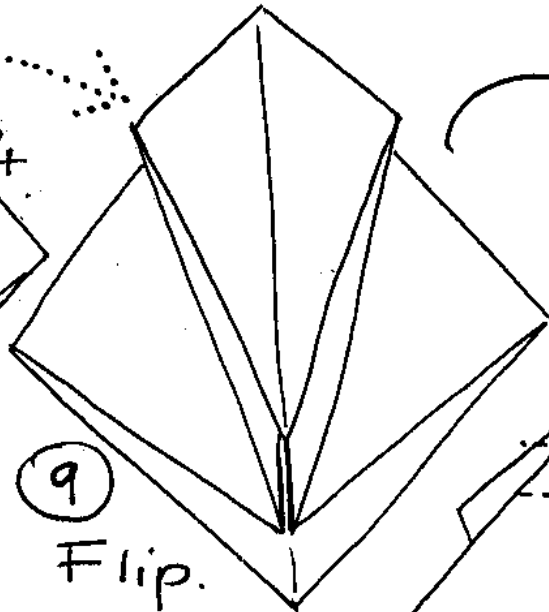
I use a square of gold foil paper, 10" for a 7" figure. Start white side up; follow dot arrows.



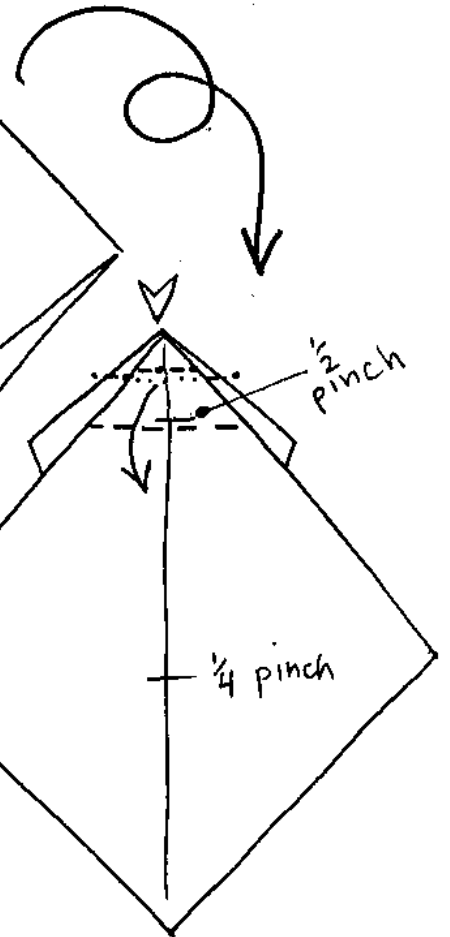
*Gold sarcophagus, sp. 2*



⑧ Inside-reverse-fold; repeat opposite.

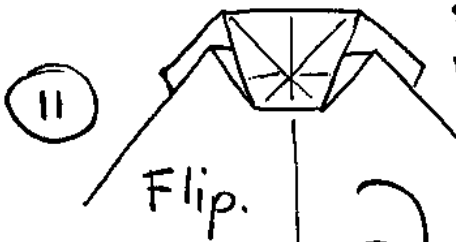


⑨ Flip.

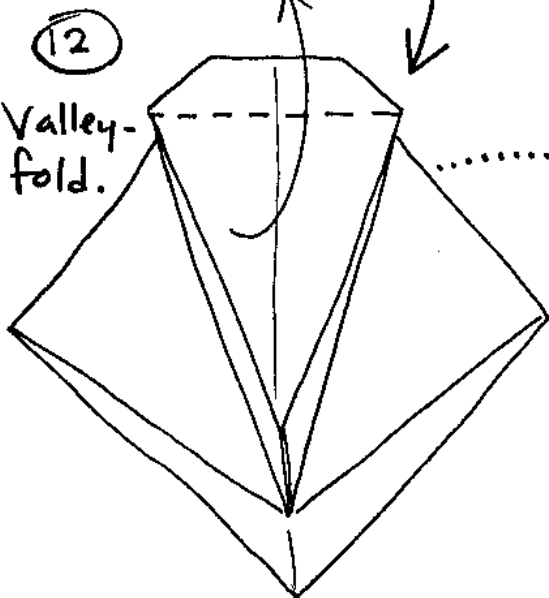


⑩

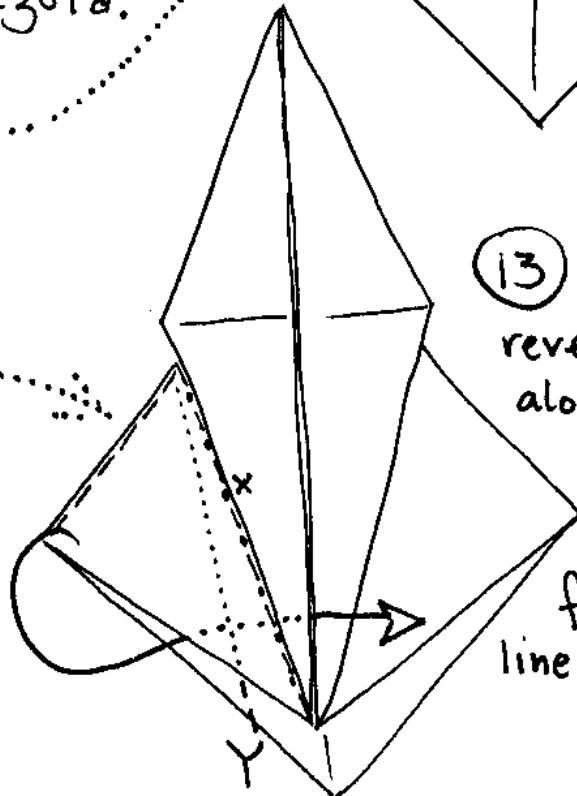
Form an off-center spread squash - the result will be a trapezoid.



⑪ Flip.

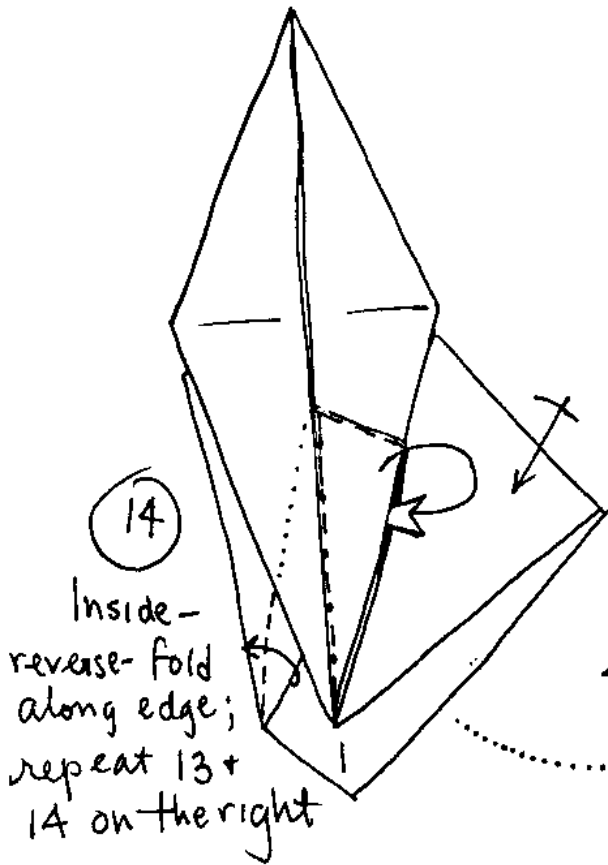


⑫ Valley-fold.

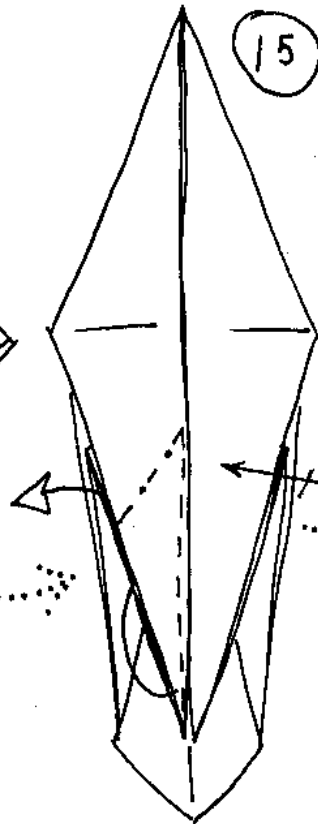


⑬ Inside-reverse-fold along edge X. Note Y - end of fold is in line with tips.

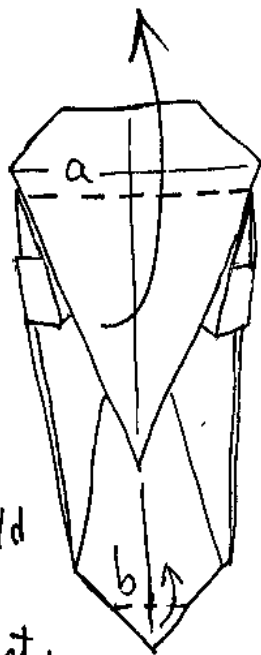
# Gold sarcophagus, p. 3



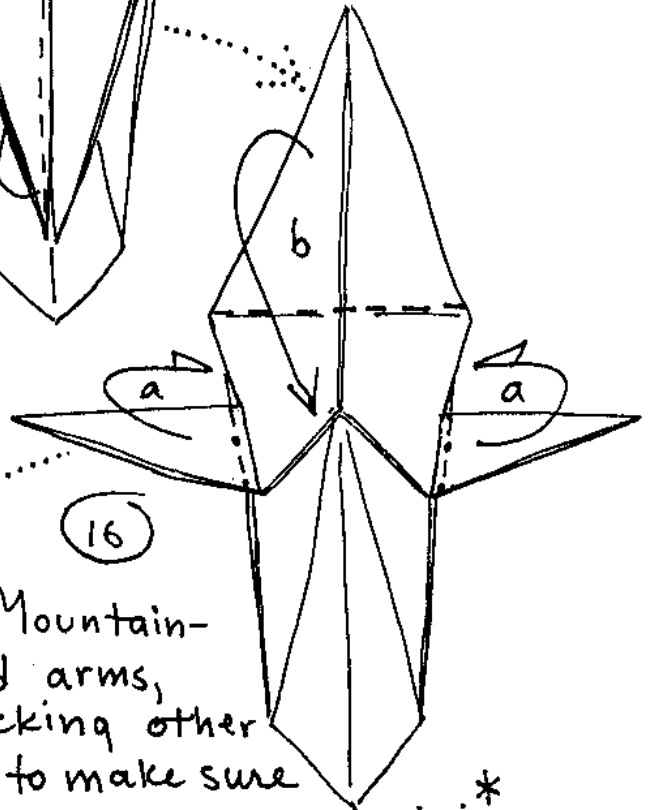
14  
Inside-  
reverse-fold  
along edge;  
repeat 13 +  
14 on the right



15 Inside-reverse-fold  
between the two near  
layers; spine of flap  
becomes horizontal.  
Repeat on the right.



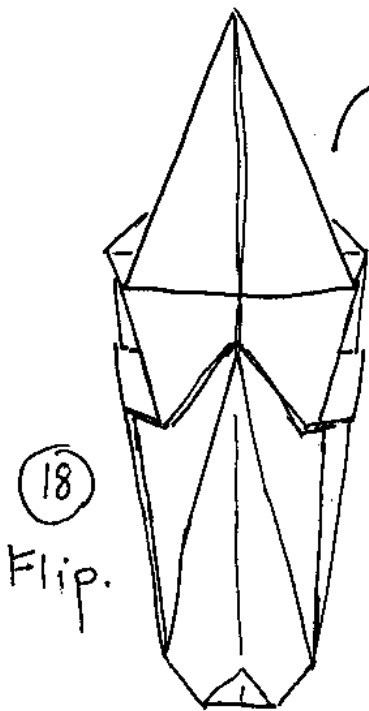
17  
(a) Valley-fold  
below  
widest part;  
(b) Valley-fold.



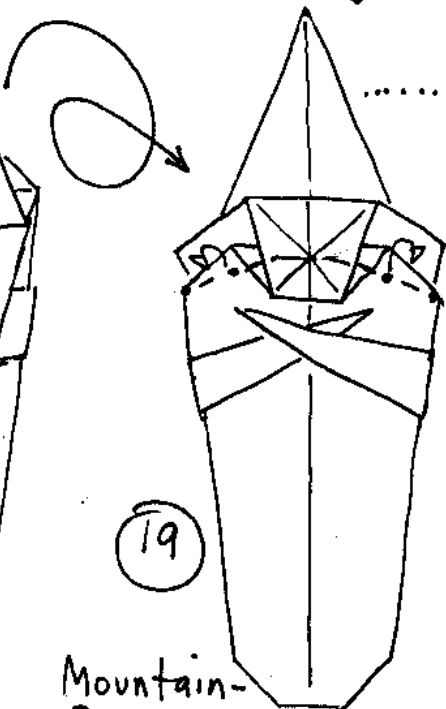
16  
(a) Mountain-  
fold arms,  
checking other  
side to make sure  
arms cross  
chin;  
(b) Valley-fold flap at  
widest place.

\* see step 19.

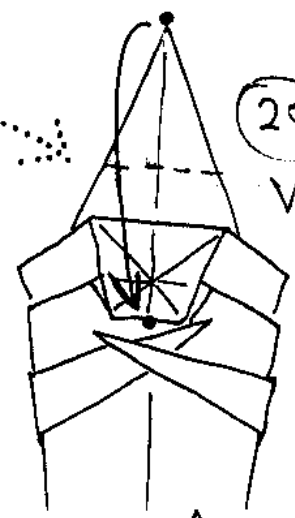
# *Gold sarcophagus p.f.*



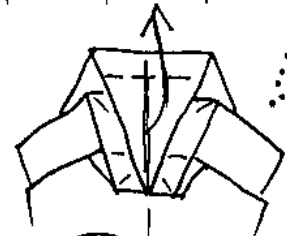
18  
Flip.



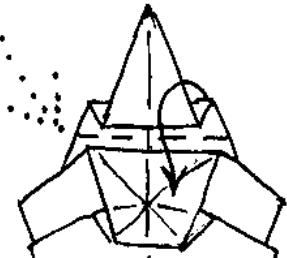
19  
Mountain-fold shoulders.



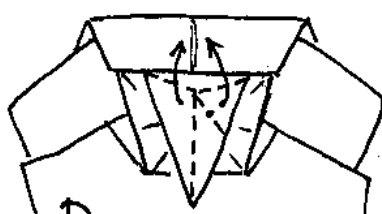
20  
Valley-fold, dot to dot.



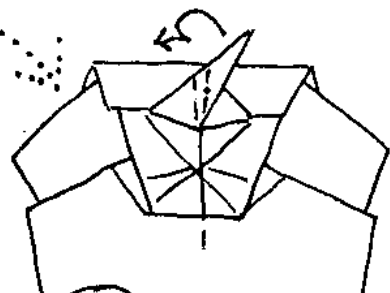
21  
Valley-fold.



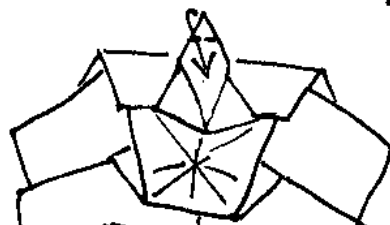
22  
Valley-fold.



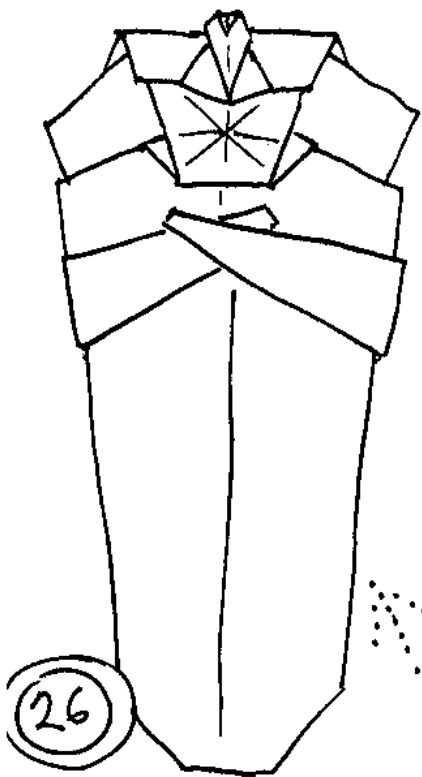
23  
Do a Shallow rabbit ear.



24  
Squash-fold tiny flap.



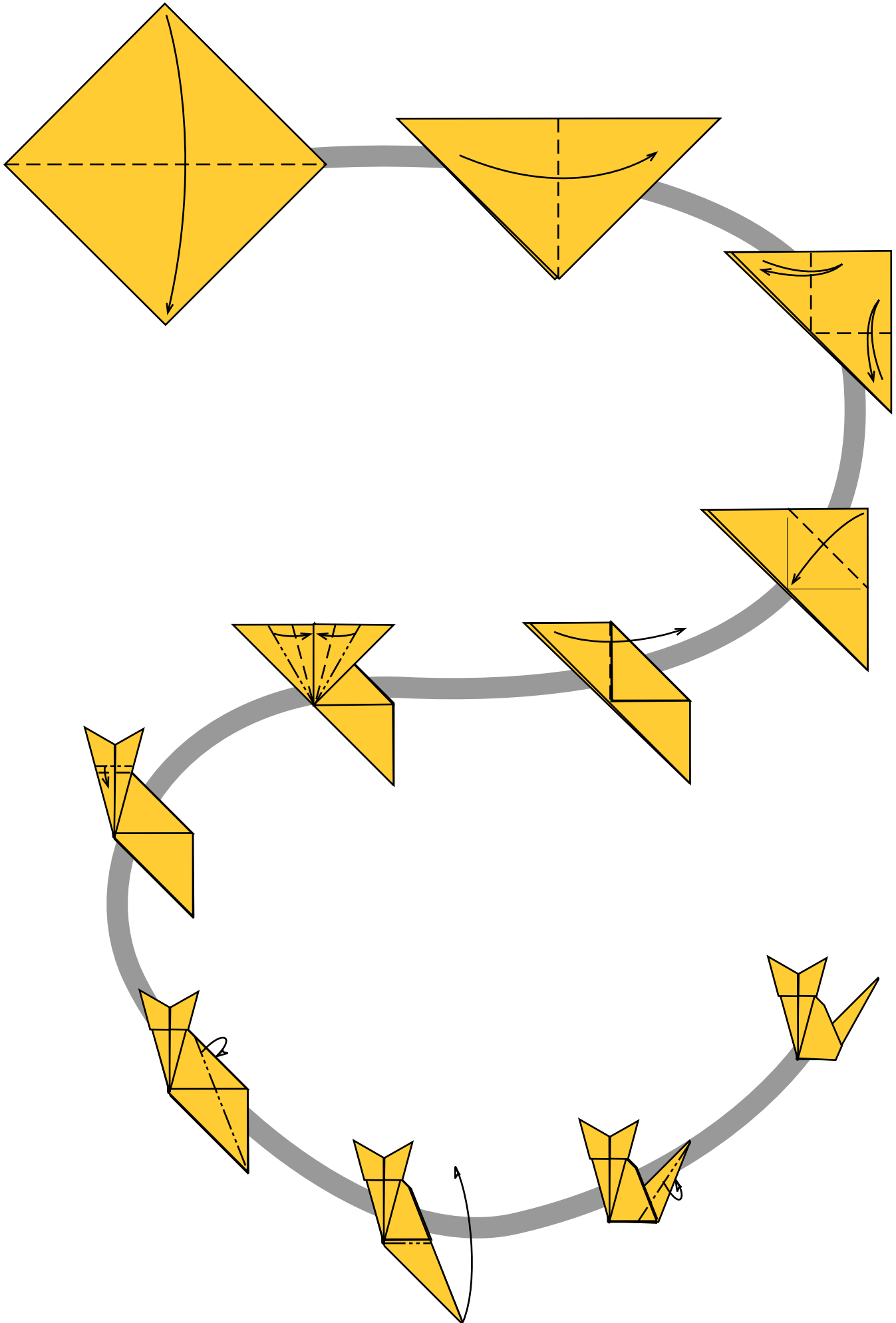
25  
Valley-fold



26  
Blunt or shape hands, if desired.

# Katze / Cat

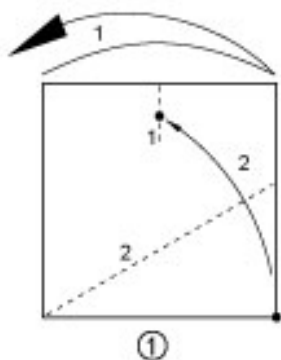
Design & Diagrams by Anna Kastlunger (2007)



TRIANGLE TILE  
Inventor unknown

Page 1

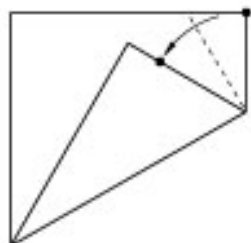
Three modules make one triangle. Six triangles make one hexagon puzzle. Use six colors, three modules of each color. Each triangle has three different colors.



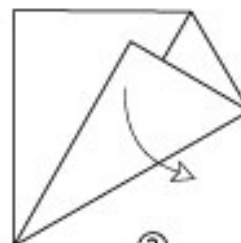
①

1. Pinch the centerline near the top edge only.

2. Construct a 30 degree angle through the lower left corner.

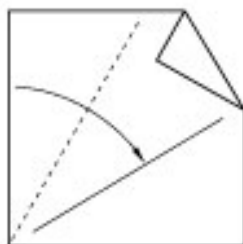


②



③

Unfold step 2 of fig. ① .

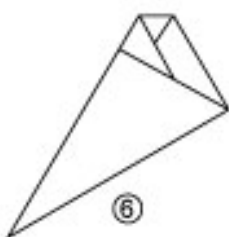


④

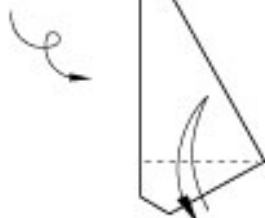


⑤

Refold step 2 of fig. ① .



⑥



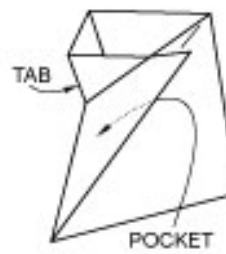
⑦

The crease on the top layer lines up with the edge on the bottom layer.



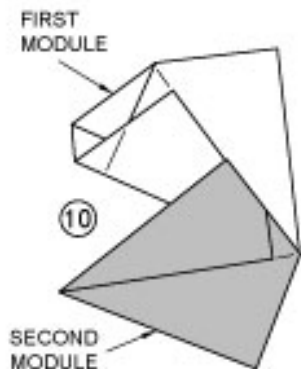
⑧

The module is finished. Partially unfold the crease of step 5.



⑨

Make three modules of different colors for each tile.

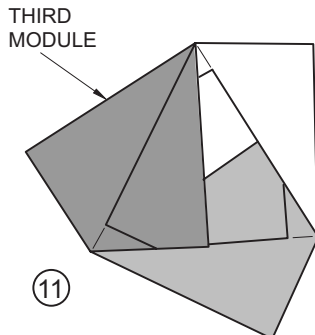


⑩

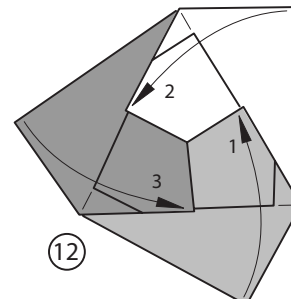
Assemble the modules in the flat position of step 5. Insert the tab of the second module into the pocket of the first module. Close flat the crease of step 7 on the second module. Slide this crease along the edge of the pocket until the second module reaches the pointy end of the pocket.

## TRIANGLE TILE

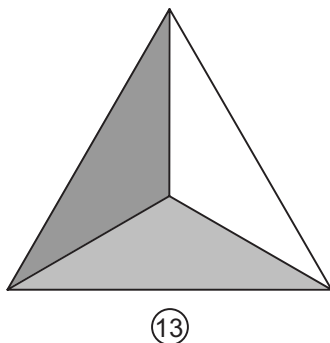
Page 2



In a similar fashion, place the tab of the third module into the pocket of the second. The pocket of the third module is now the top layer, and the tab of the first module is the bottom layer. Carefully lift the tab of the first module and place it on top of the third module. Then insert the tab of the first module into the pocket of the third module.



Now refold the crease of step 5 on each module, in the sequence shown. Note that the second module is folded first, then the first module is folded, and the third module is folded last. The flap of the third module covers the flap of the first module and goes under the flap of the second module.



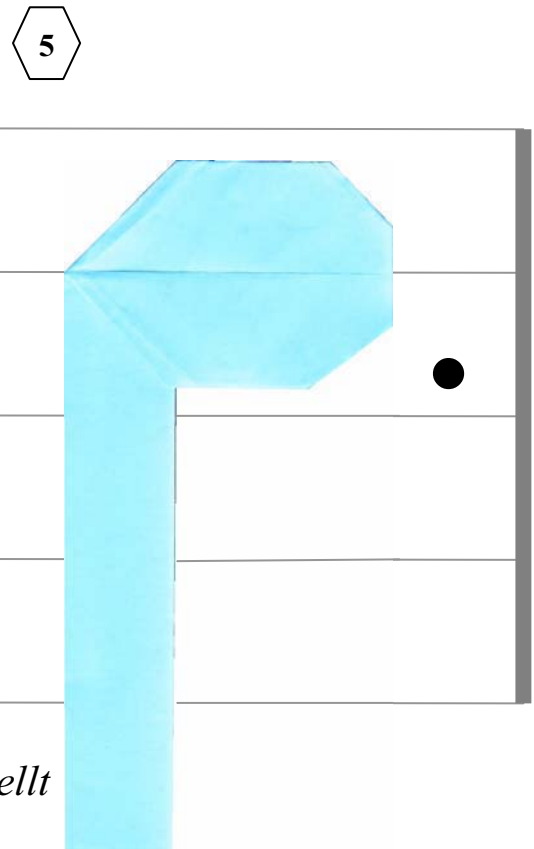
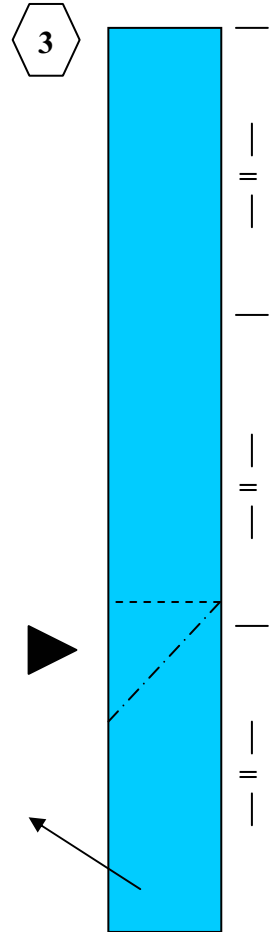
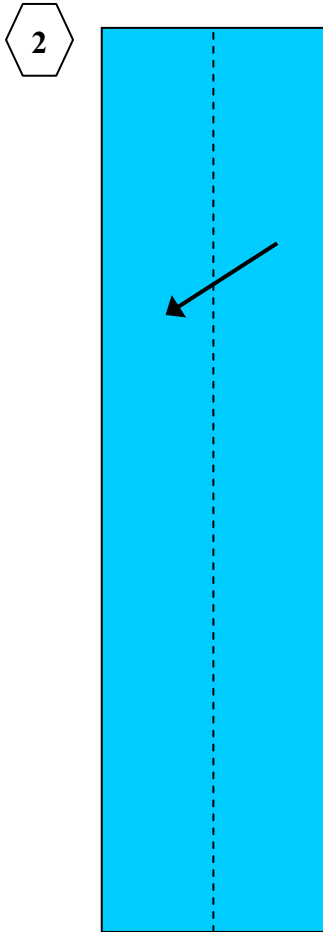
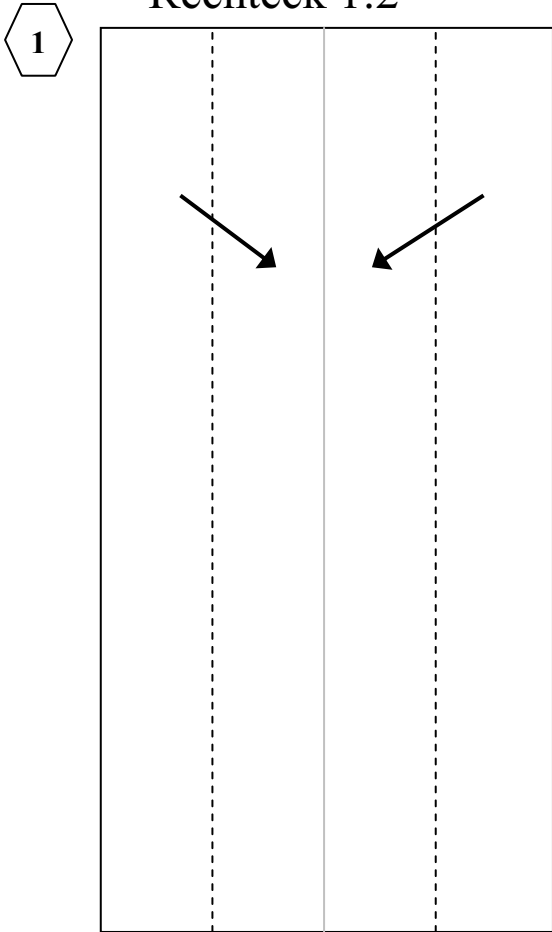
The tile is finished. Each edge has the same color, front and back.

The puzzle is to arrange the tiles side by side so that they form a hexagon, with the same color edge on both tiles wherever two tiles touch. Since each color appears three times, the third instance of each color must lie on the outside of the hexagon. You can solve the puzzle as you assemble the tiles, and then make a sketch of the hexagon showing the final color arrangement. Then use the sketch to solve the puzzle again after the tiles have been shuffled.

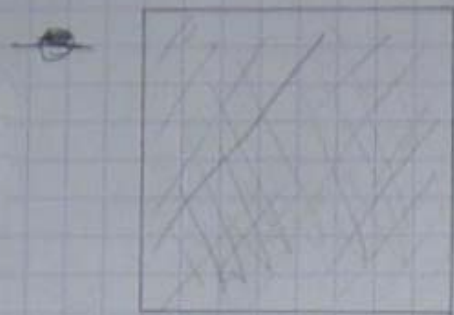


# Einfache Note

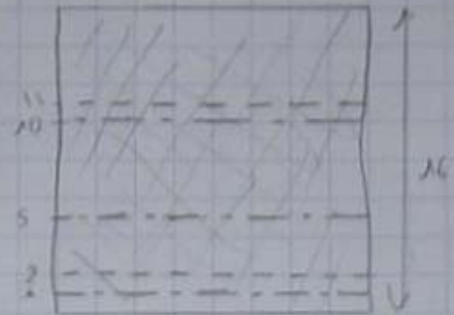
Rechteck 1:2



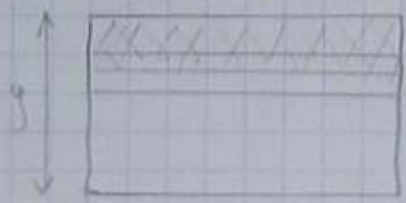
*So kann man ganze Lieder erstellen! Notenwerte können z.B. in unterschiedlichen Farben dargestellt werden!*



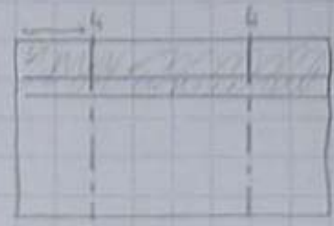
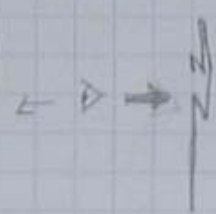
① Plier une gille 16x16 pour les espèces



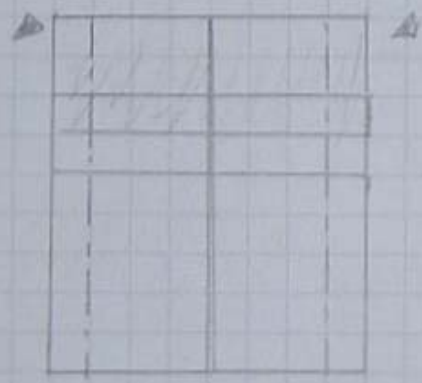
②



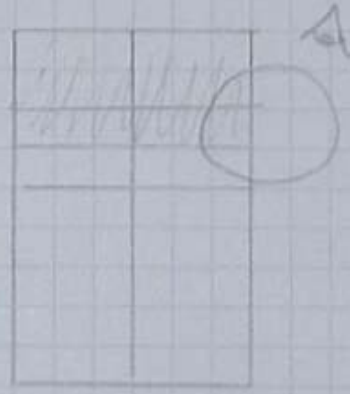
③ Le résultat



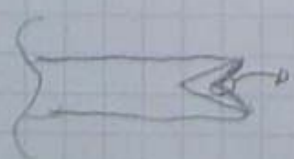
④ Plier vers l'arrière, et retourner



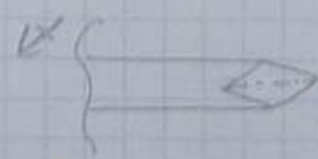
⑤ 2 plis inversés intérieur



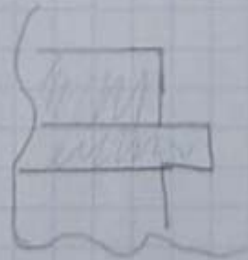
⑥ Résultat  
Zoomer sur une partie



⑦ Écarter la première couche (sombre) ...



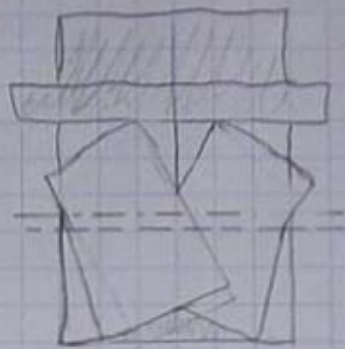
⑦' ... en remontant du papier de dessous. Reformez et répéter à gauche.



⑧ Résultat



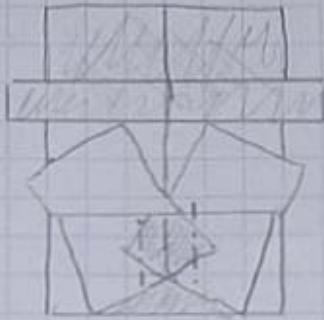
9 Faire pivoter la 1<sup>ère</sup> couche



10 Resultat  
Retour au repli (pas de référence)



11 Aligner le papier avec la ligne centrale



12 Affiner le moustache



13 Dorer le menton et les yeux



14 Plus aplatis pour les yeux  
Modèle le chapeau par des plis montagneux

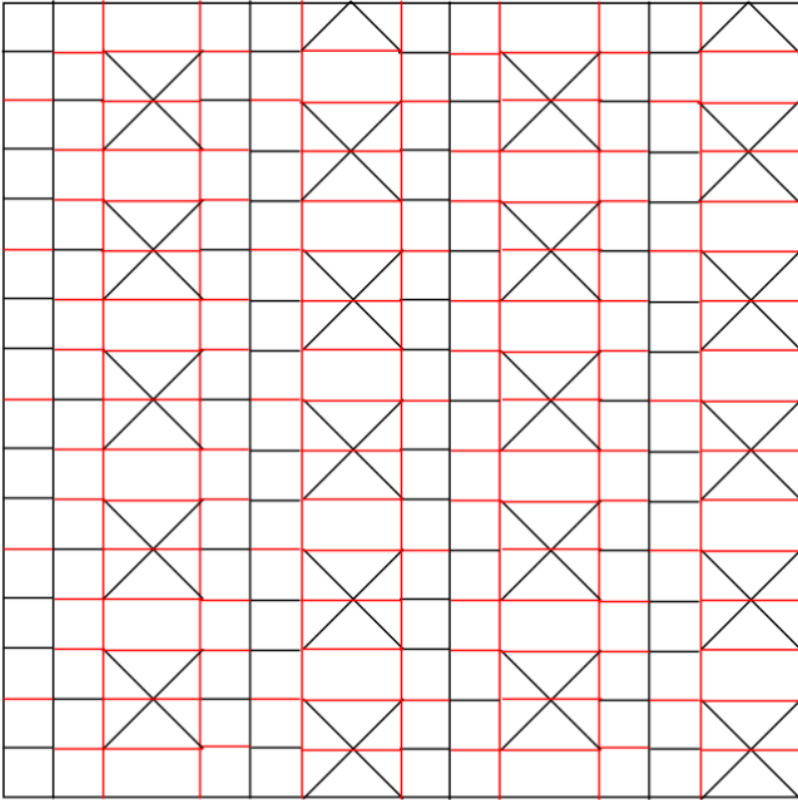


15 Modeler le visage



# Honeycomb

Designed by Cheng Heng Yi



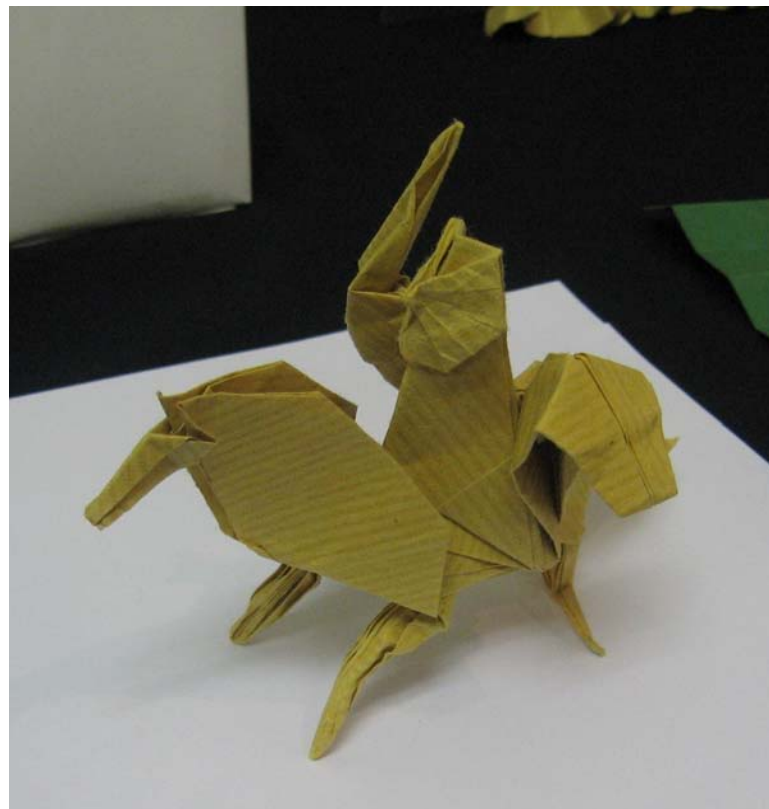
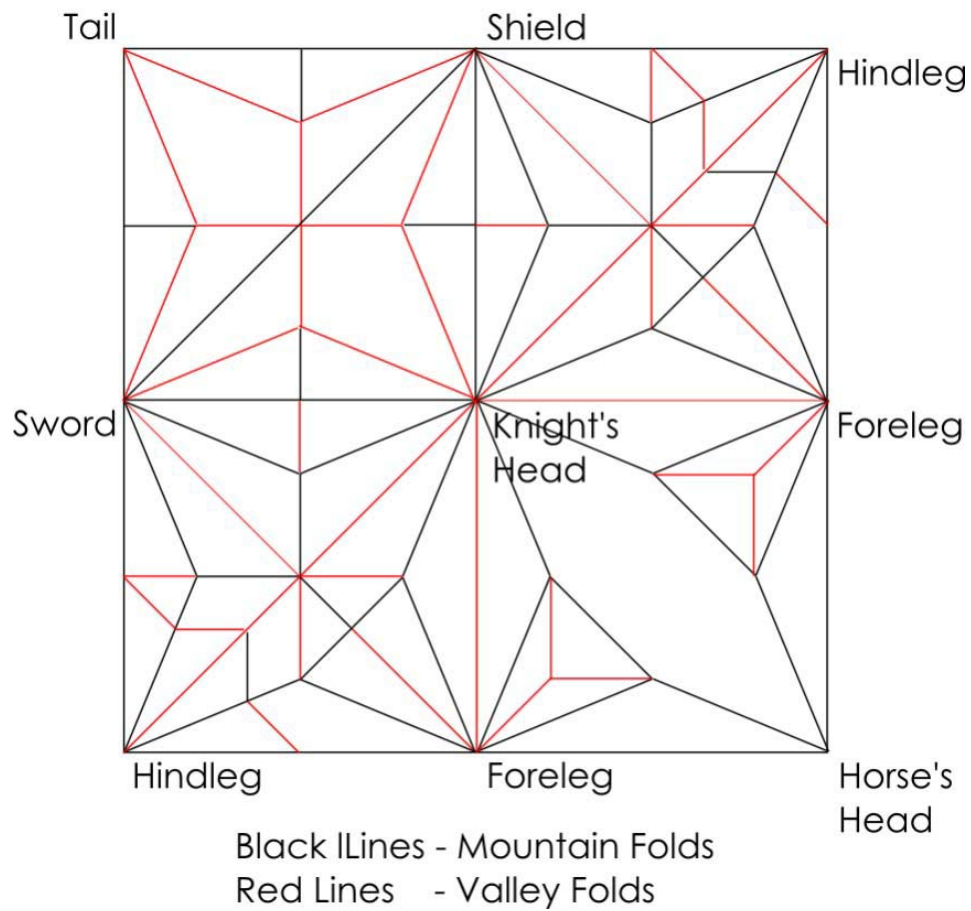
Black Lines - Mountain Folds

Red Lines - Valley Folds

When finished, the model should look like a brick tessellation, but release it a little and it will expand to form a beautiful hexagonal tessellation!

# Knight on Horseback

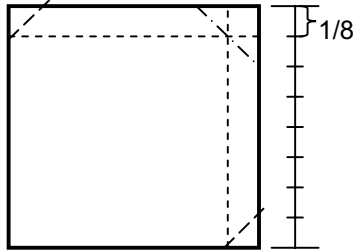
Designed by Cheng Heng Yi



# Western Dragon

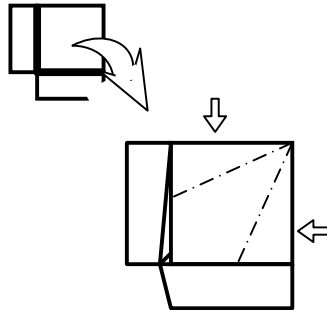
Created by Cheng Heng Yi, Singapore

1.



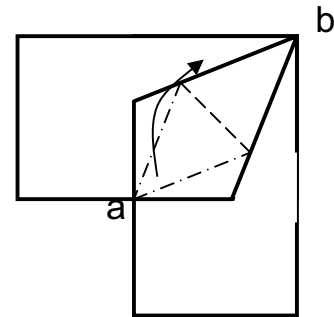
Fold along the above creases to form an offset preliminary base.

2.



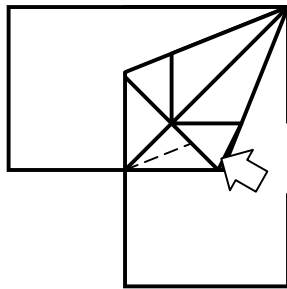
Enlarged view of prelim base. Reverse fold the sides in so they meet in the centre.

3.



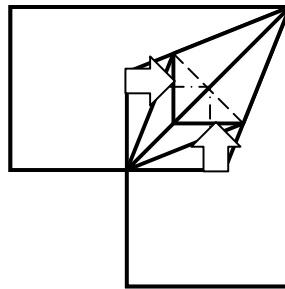
Petal – fold to let point a touch point b.

4.



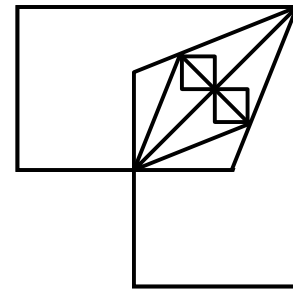
Swivel - fold the flap to under the center flaps. Repeat on the other side.

5.



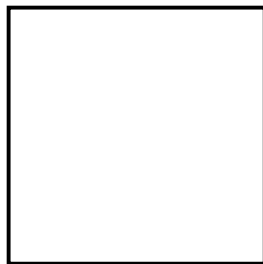
Squash fold the center flaps to form the eyes.

6.



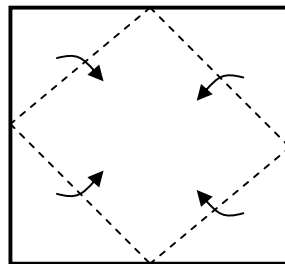
Reverse the flaps on the eye to change its color.

7.



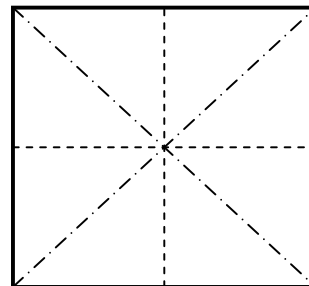
From now on up to step 20, we will disregard the head of the dragon and treat this as an original square.

8.



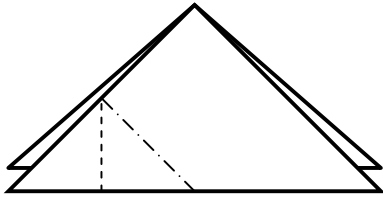
Valley fold the four corners in to form a blintz base.

9.



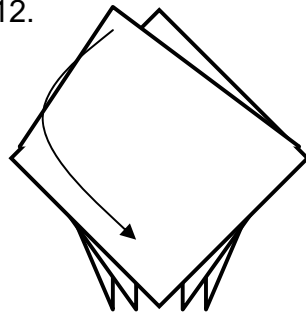
Form a waterbomb base with the blintz base. Make sure the free flaps of the blintz base are outside the preliminary base.

10.



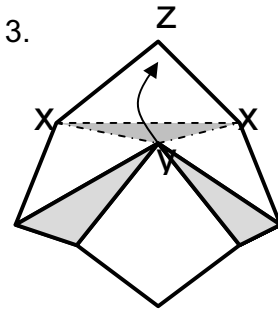
Crimp as shown. Repeat on the right side and behind.

12.



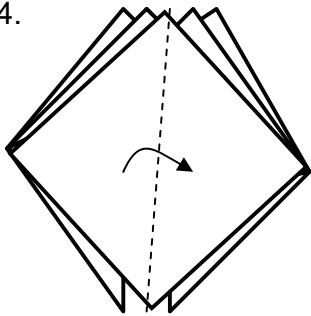
Pull out the extra layer formed in the blintz base as far as it can go. Let the model unfold a little.

13.



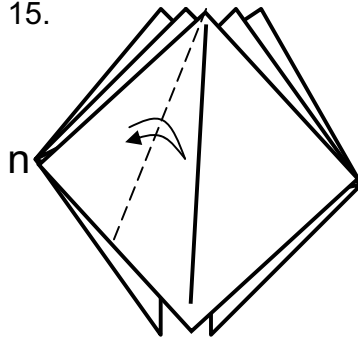
Pull the corner labeled y up to touch corner z. Note the location of the x points.

14.



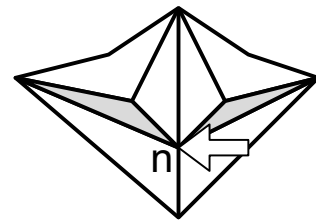
Valley fold one flap to the left.

15.



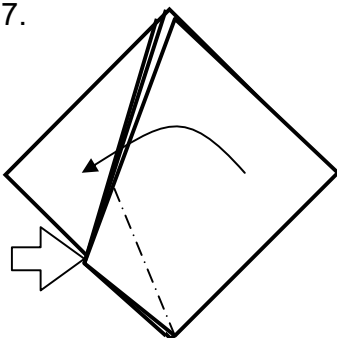
Precrease as shown. Fold through all the layers. Open the model and turn it so point n is facing you.

16.



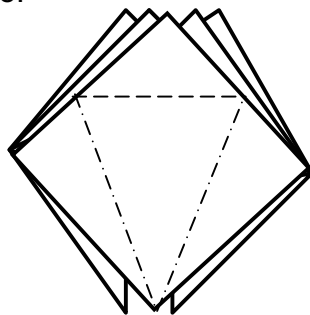
Push point n in on the crease you made in step 15. Collapse the model flat.

17.



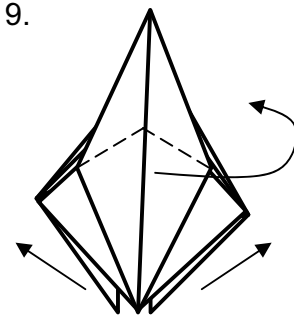
Spread – squash the corner flat. Repeat steps 14 – 17 on the right side and behind.

18.

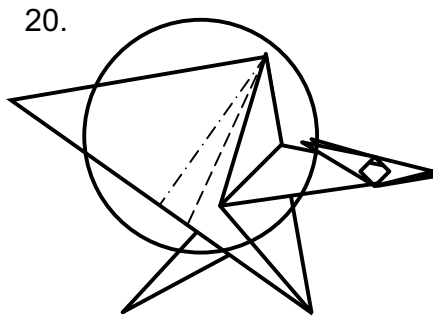


Make sure that the head of the dragon is in front. Petal – fold the flap like a bird base. Repeat behind.

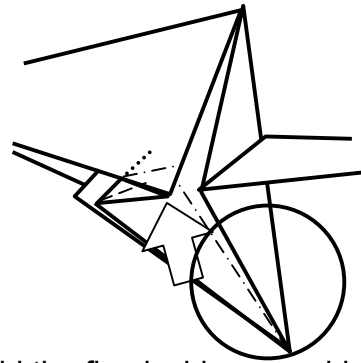
19.



Pull out the 2 flaps of the remaining “preliminary bases”. Rabbit fold as shown. Repeat behind.



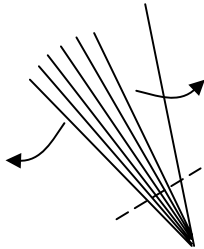
21.



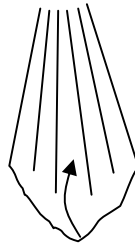
Double-crimp the wings as shown. Note that the view of the wings from the opening looks like this. The next few steps will focus on the wing.

Petal-fold the flap inside, squashing there to eliminate the flap. Repeat this step on the other side of the wing and the other wing. We will now focus on the legs.

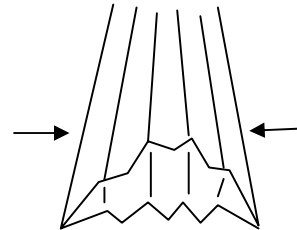
22.



22a.



22b.

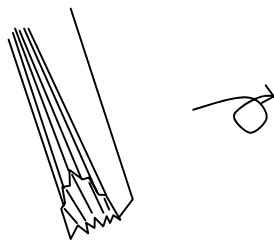


Open up the leg and fold the point in. The next few steps show this in detail.

Opened-up view. Fold the point up...

...and collapse it together again...

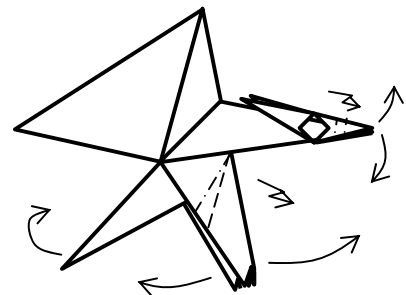
22c.



23.



24.



...like this. Flip the leg over to the other side.

Spread-squash the corners to form 5 toes for the leg. Repeat on all the legs.

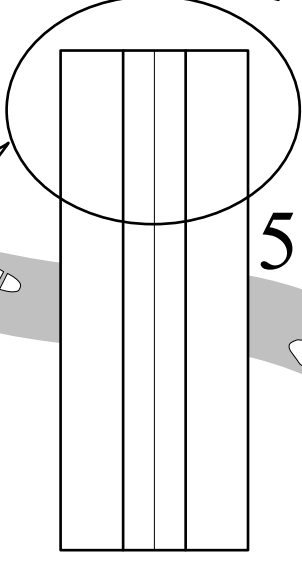
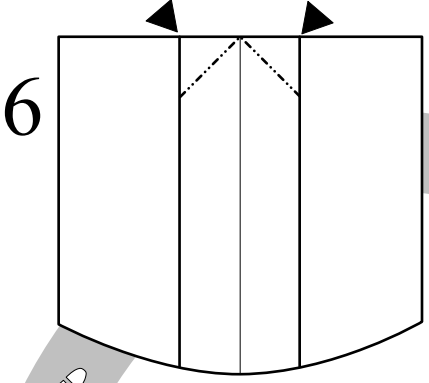
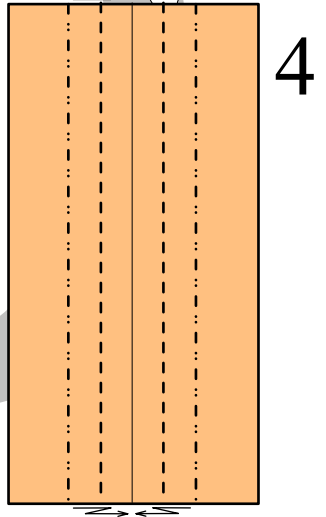
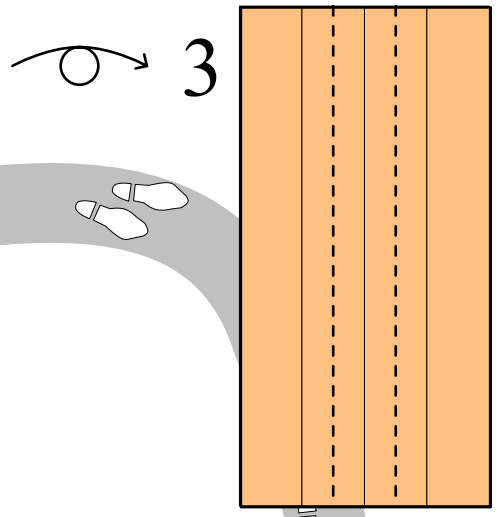
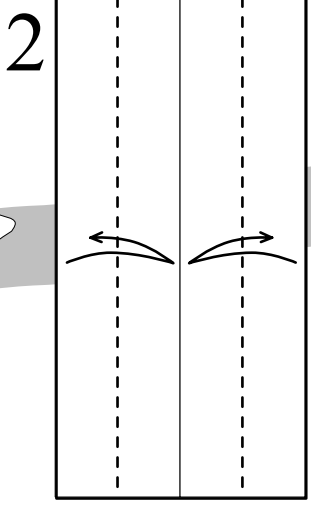
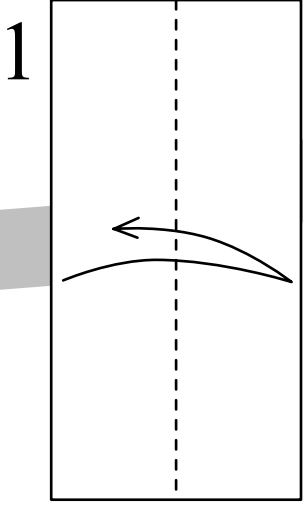
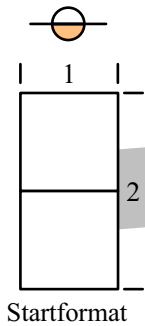
Separate the legs with crimps, open the mouth and curve the tail. Shape to taste.



# Ein Licht für Susanne

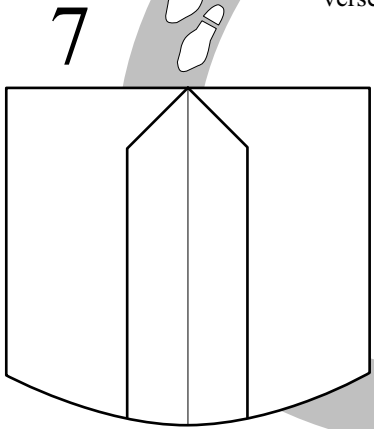
2007 von Christian Weinert

*Das Startformat ist ein halbes Quadrat, aber jedes Rechteck, das wenigstens die Ausmaße 2:1 hat wird funktionieren. Je länger das Rechteck ist, desto höher wird der Leuchtturm.*

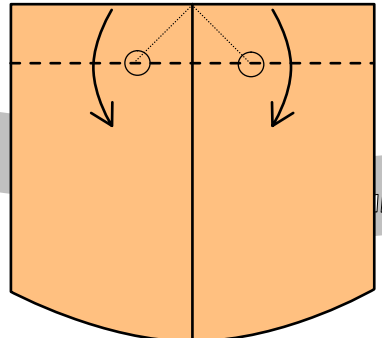


Der Fokus liegt in den folgenden Schritten nur auf dem oberen Teil der Figur.

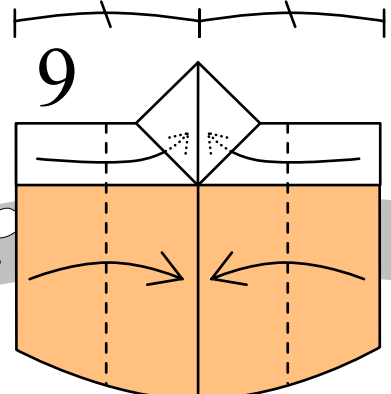
Zick-Zack-Faltung an den vorhandenen Knicken.



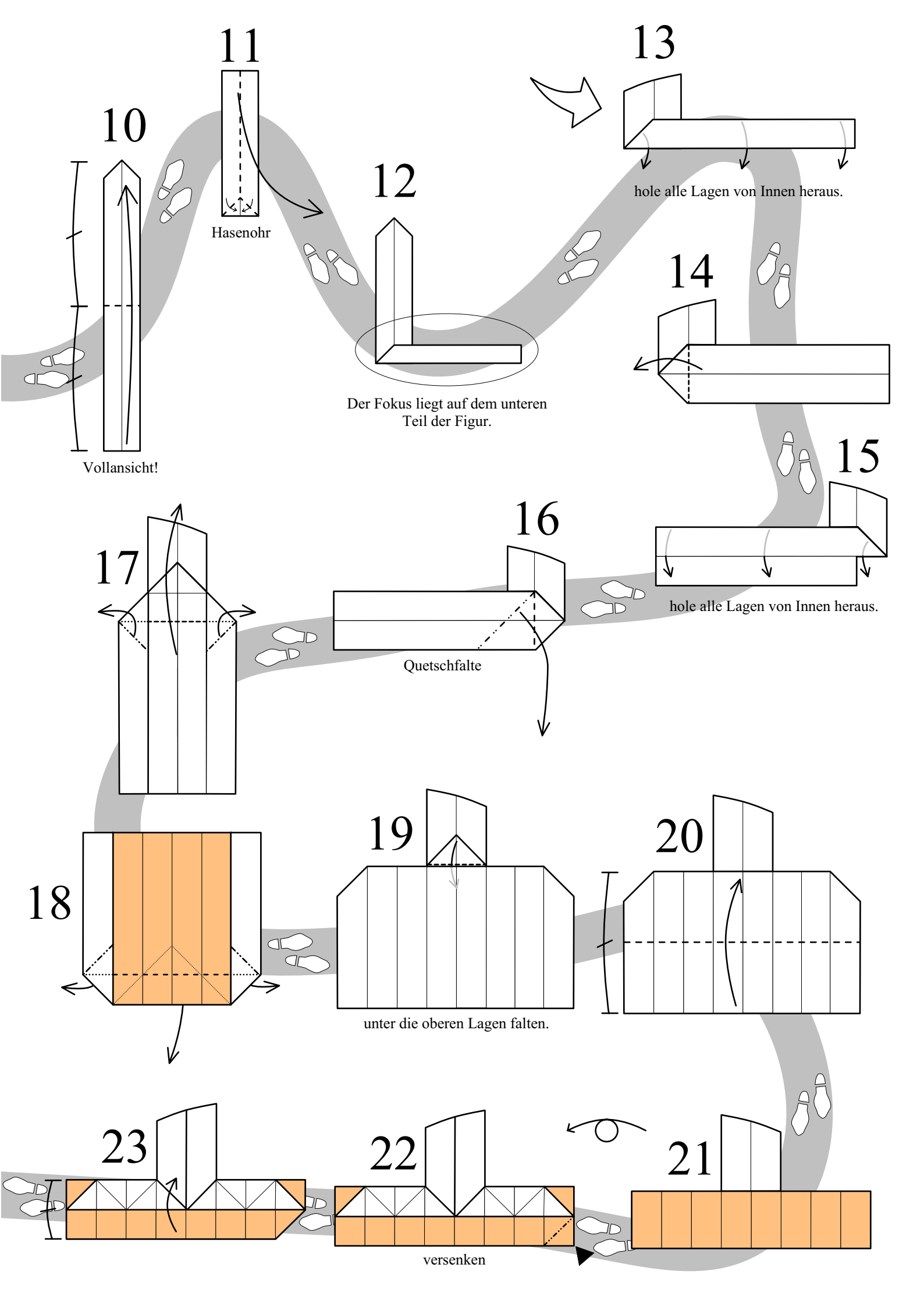
versenken

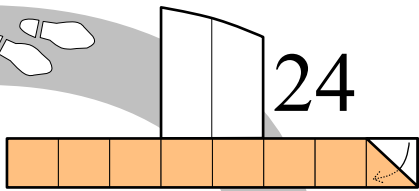


beachte die Bezugspunkte



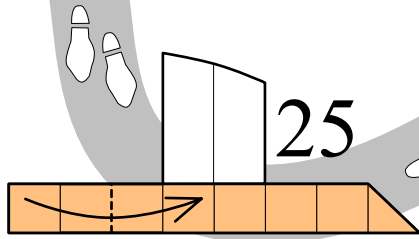
die oberen Ecken werden in die Taschen geschoben.



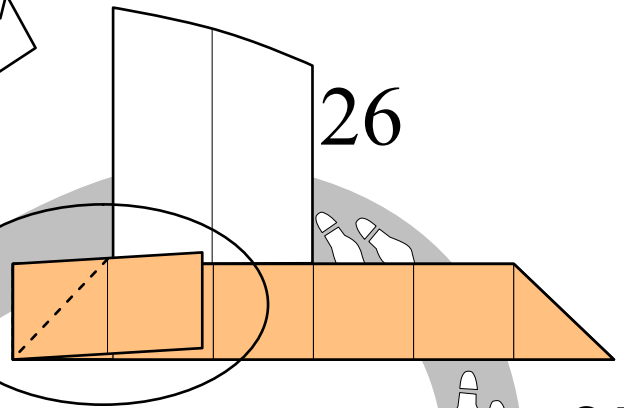


24

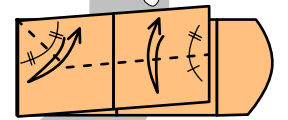
In die Tasche stecken.  
Dies verschließt die Figur.



25

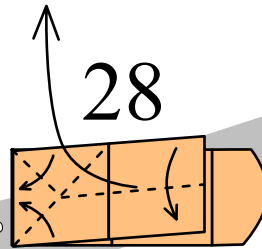


26



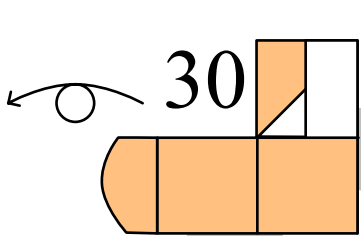
27

nur die OBERSTE  
Lage falten!



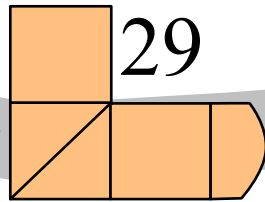
28

Falte die Lasche nach oben  
dieser Vorgang beinhaltet ein  
Hasenohr mit der  
OBERSTENLage.



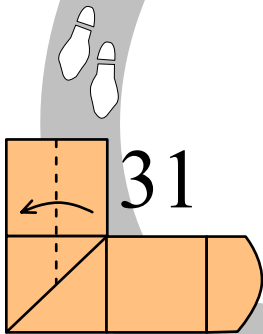
30

Ansicht von der  
anderen Seite.

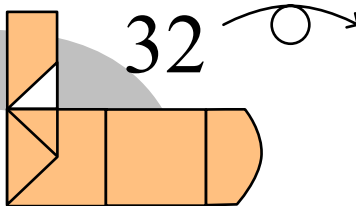


29

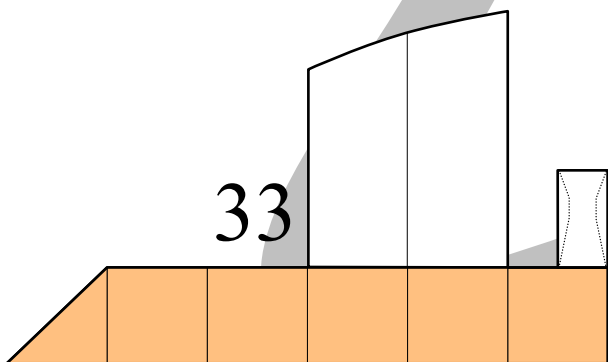
Durch Schritt 27 & 28  
haben wir einen Farbtasch  
auf der Rückseite erreicht.



31

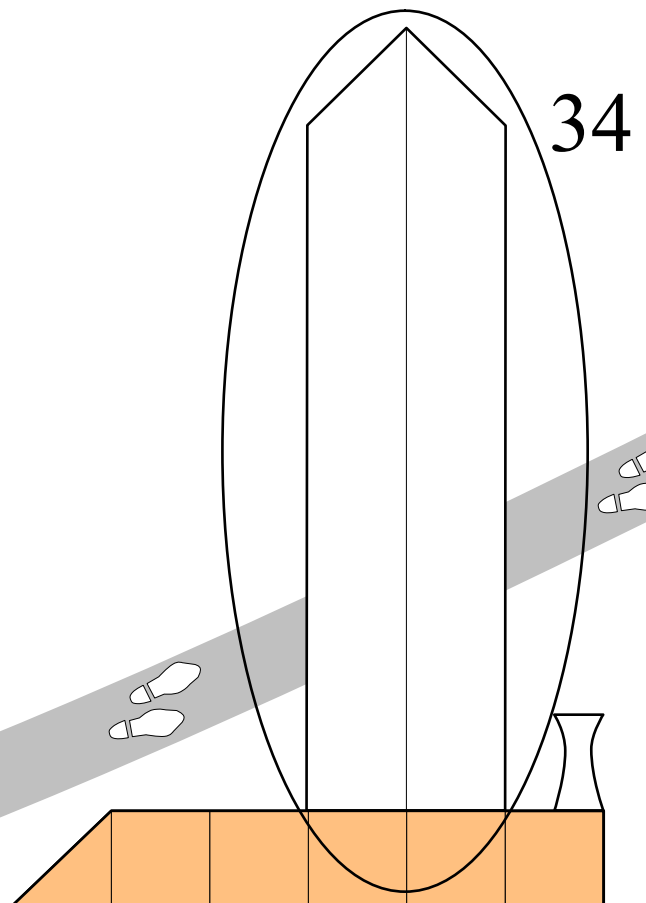


32



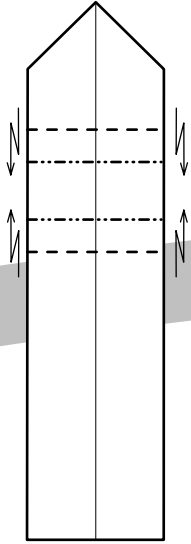
33

forme einen Poller



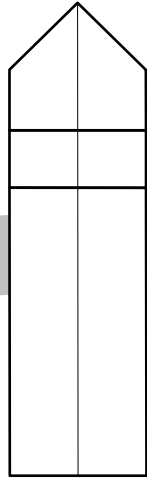
34

35



Für diesen Faltvorgang gibt es keine Bezugspunkte.

36

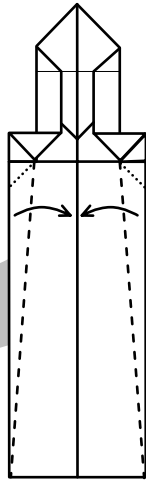


37



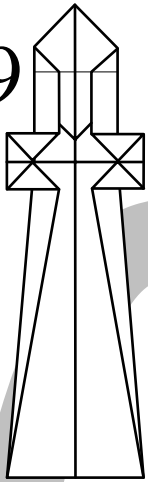
diese Tal-falte erzeugt eine Quetsch-falte am unteren Ende.

38



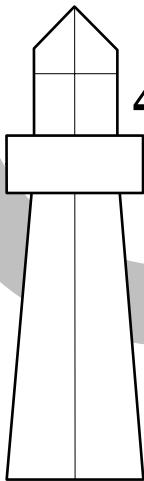
das selbe Grundprinzip wie im vorherigen Schritt.

39

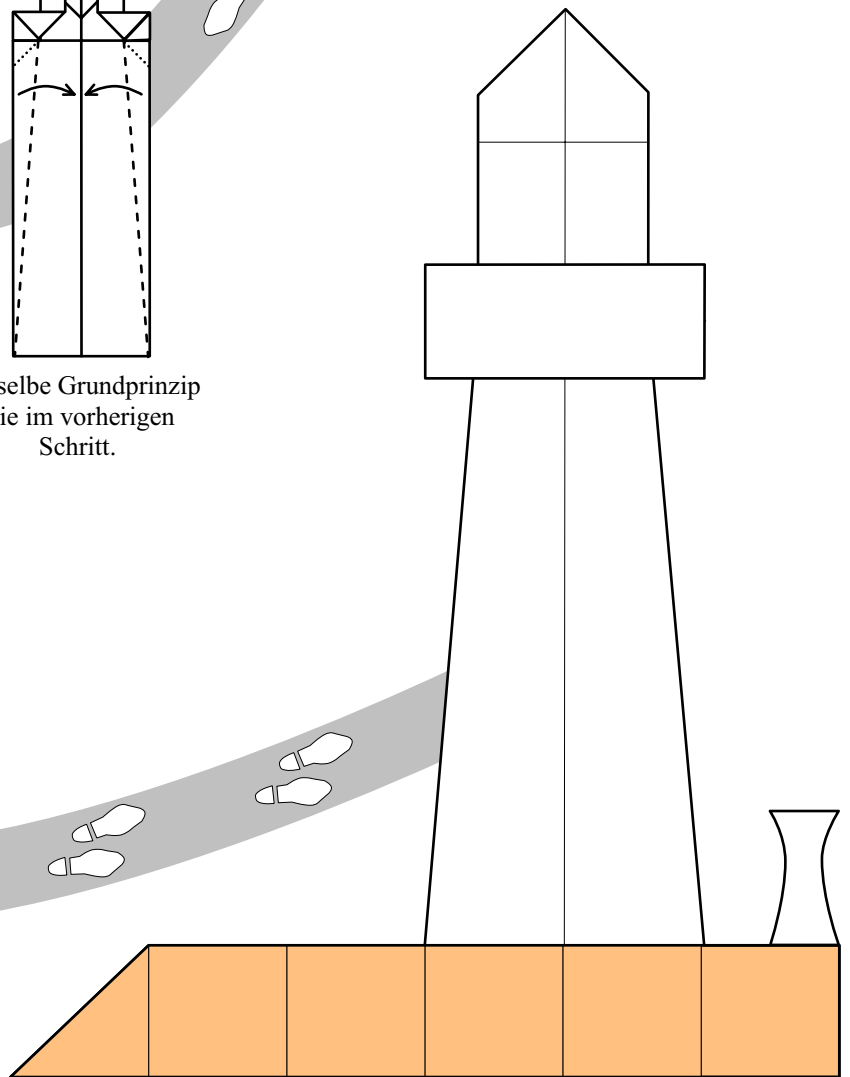


Der Turm von der Rückseite.

40



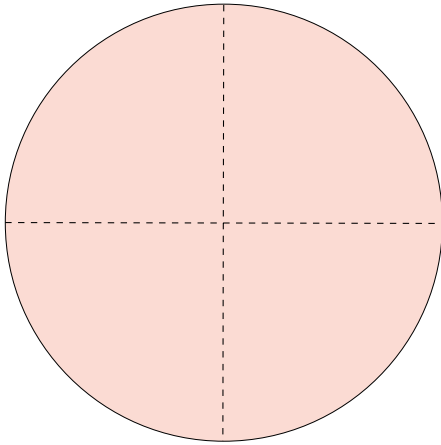
Der Turm von der Vorderseite.



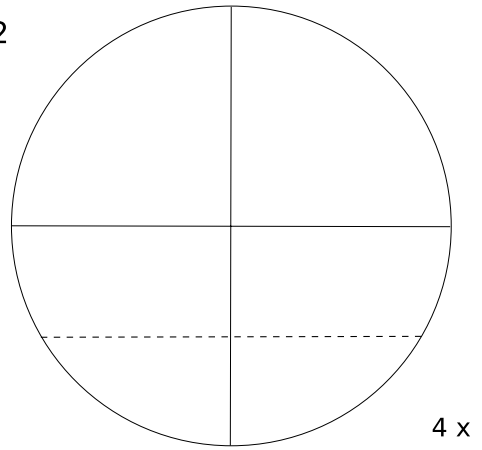
Gesamtansicht.

# Dish from a circle

1

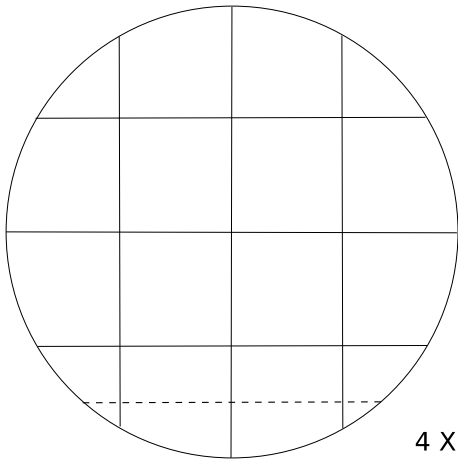


2



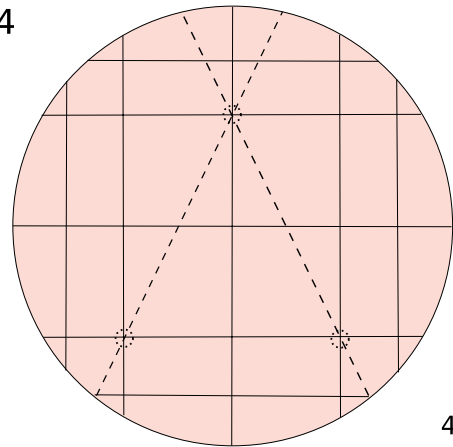
4 x

3



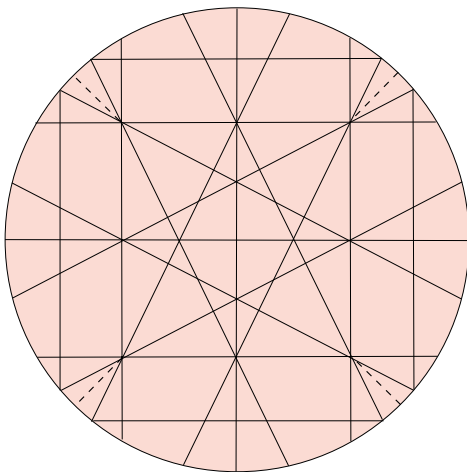
4 X

4



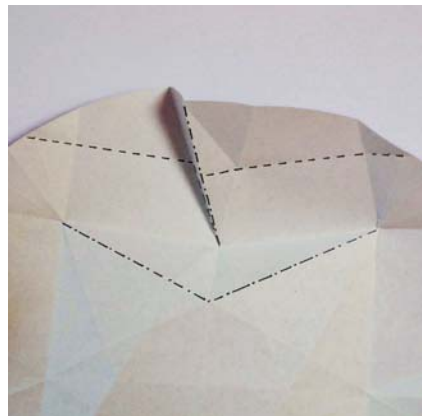
4 x

5



6

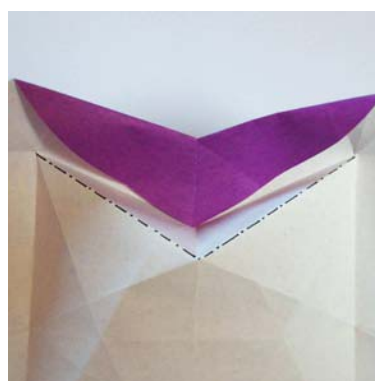
zoom  
↻



7



8



Steps 6-8 = Shen pleat, repeat 3 X

9



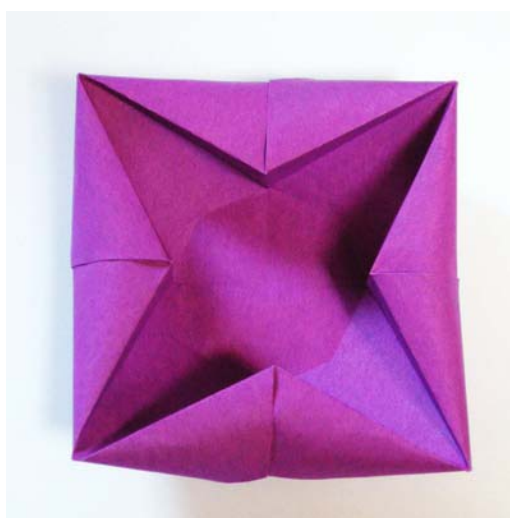
10



Steps 9-10 repeat 3 X



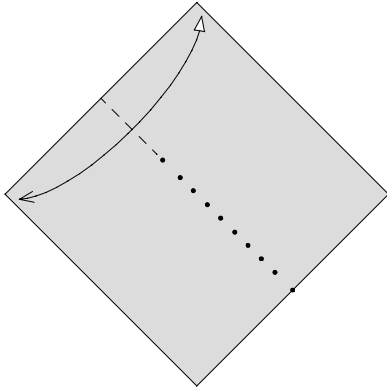
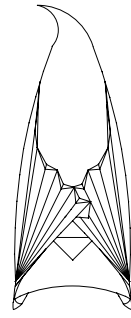
Bottom



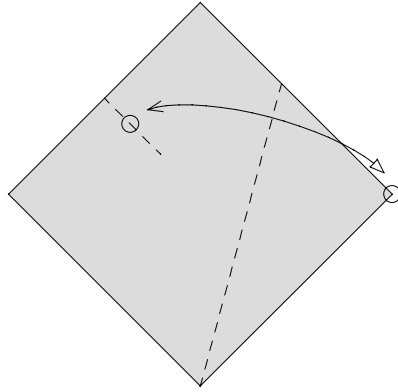
Top

# Sleeping bat

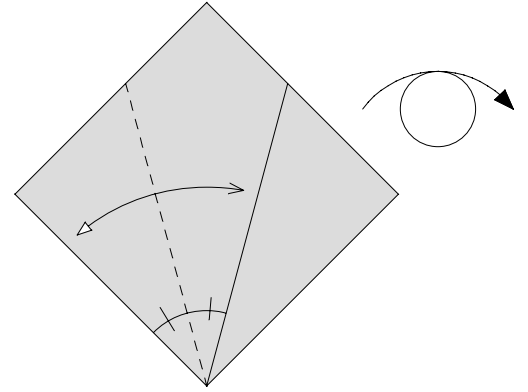
A 20 cm square makes approximately a 23 cm height bat.



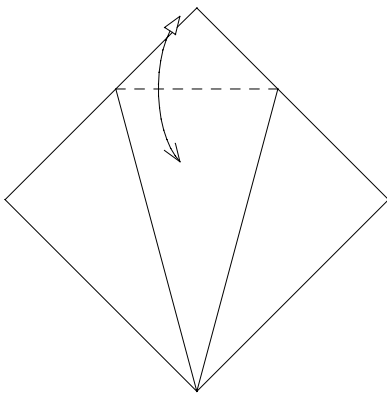
1. Fold in half, just pinching at the left edge, then unfold.



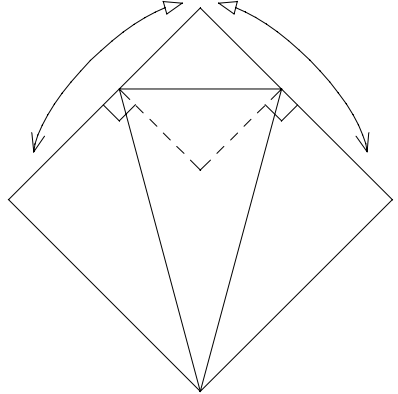
2. Fold and unfold.



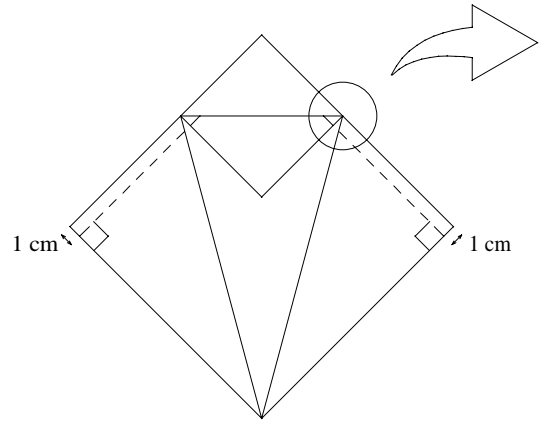
3. Fold and unfold along the angle bisector. Turn the model over.



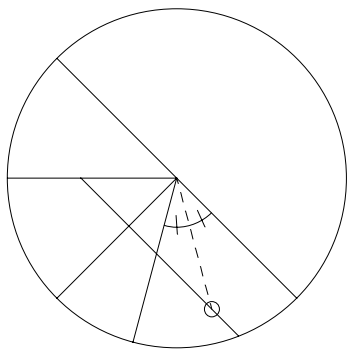
4. Fold and unfold.



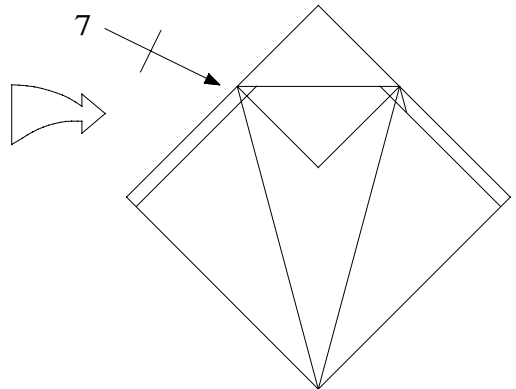
5. Fold and unfold as shown.



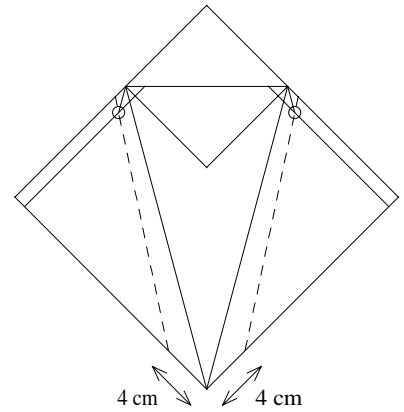
6. Fold and unfold as shown. Zoom in.



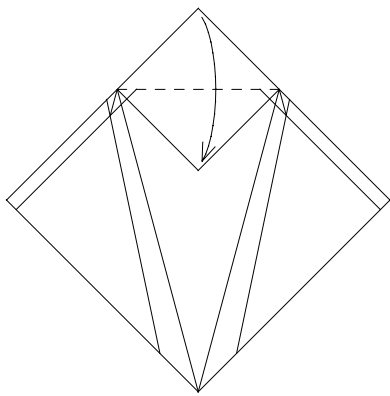
7. Fold and unfold along the angle bisector. Note the reference point. Zoom out.



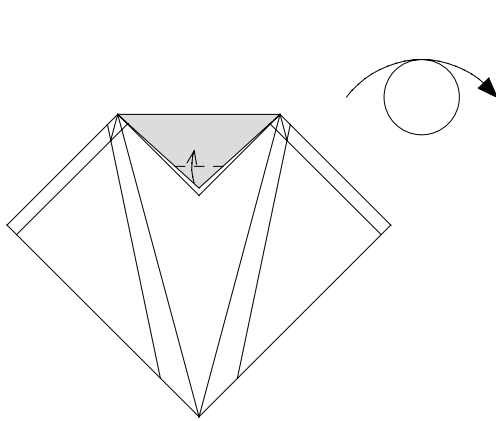
8. Repeat step 7 on the left.



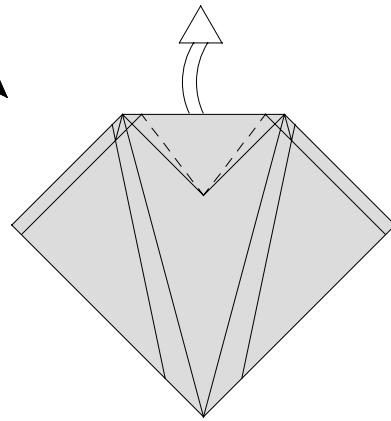
9. Fold as shown. The folds get through the reference points (step 7).



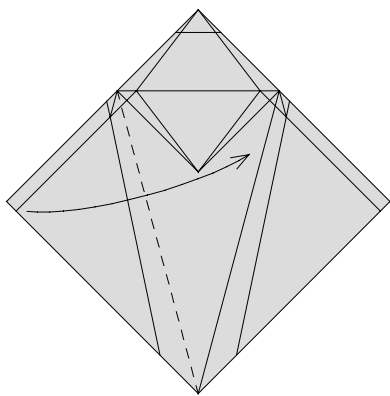
10. Fold as shown.



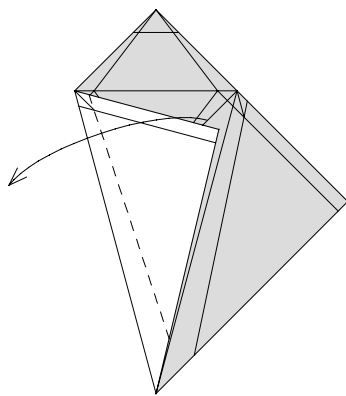
11. Fold a little part of the corner. Turn the model over.



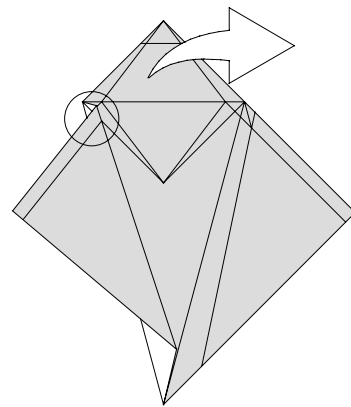
12. Fold as shown through all layers then unfold the flap from step 10.



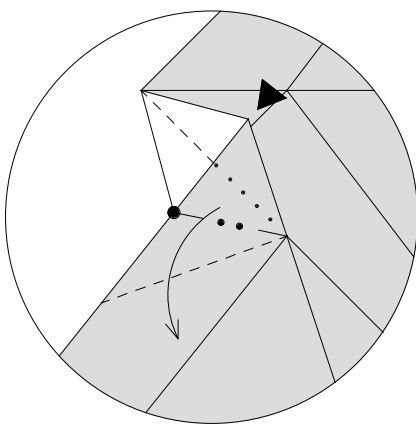
13. Fold the flap to the right.



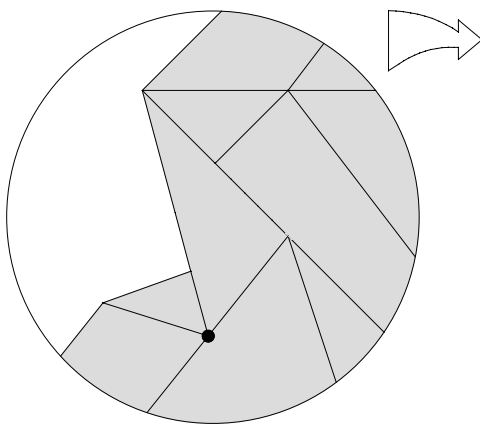
14. Fold the flap to the left.



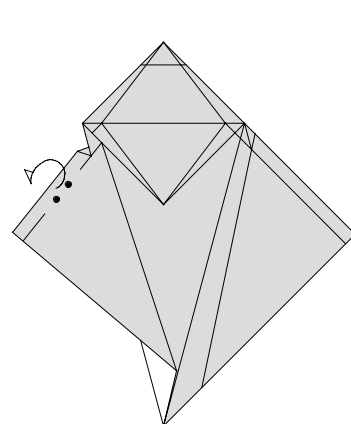
15. The result. Zoom in.



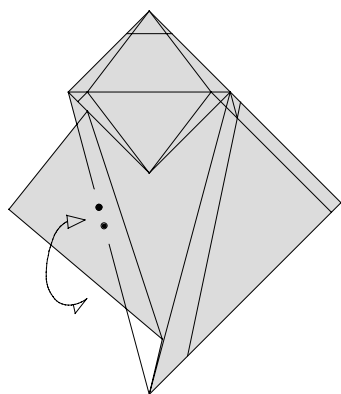
16. Swivel fold.



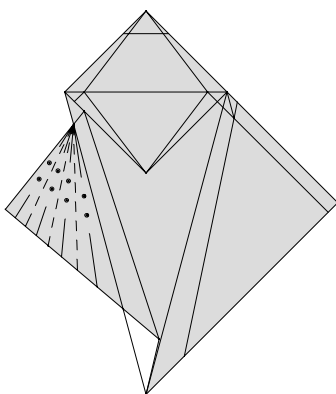
17. The result. Zoom out.



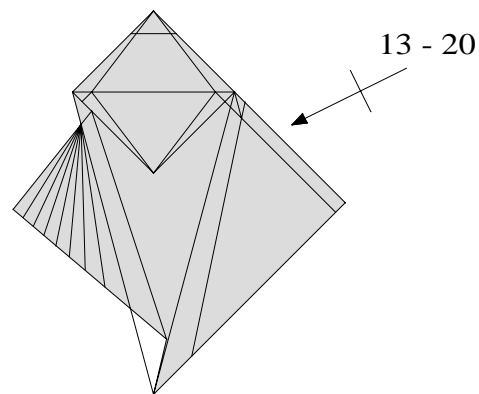
18. Mountain-fold the flap behind.



19. Mountain-fold the flap behind then unfold.

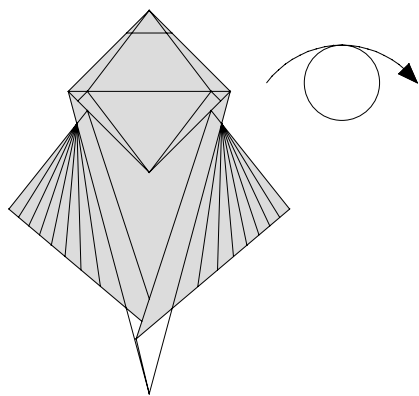


20. Pleat the wing.

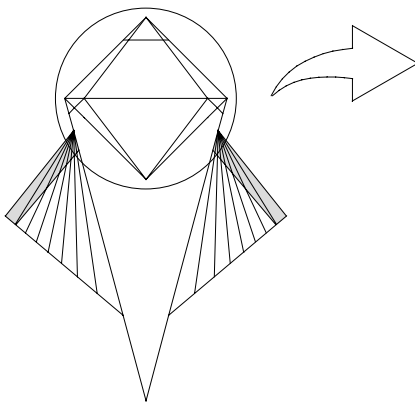


21. Repeat steps 13 to 20 on the right flap.

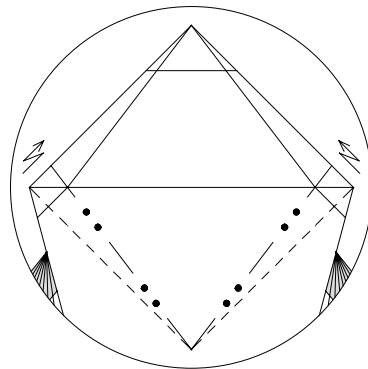




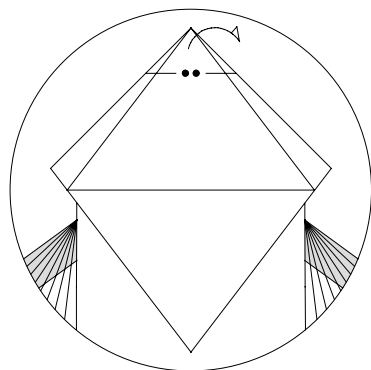
22. Turn the model over.



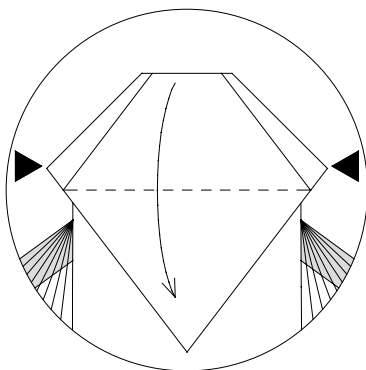
23. Zoom in on the head.



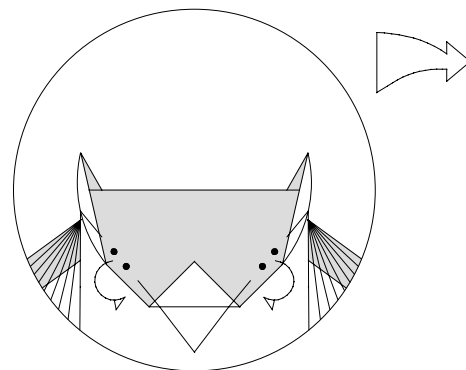
24. Pleat fold. The model will not lie flat.



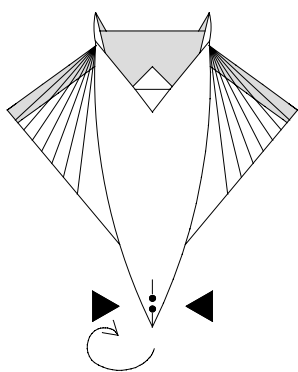
25. Mountain-fold the nose.



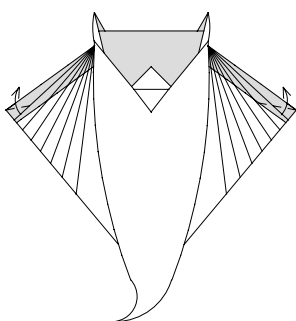
26. Press slightly the ears while folding down the head.



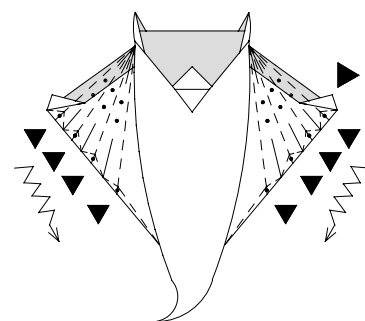
27. Tuck the paper in the pleat fold step 24. This should "lock" the pleat fold step 24. Zoom out.



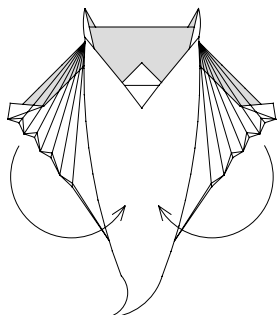
28. Press the "tail" and curl it to form a kind of hook.



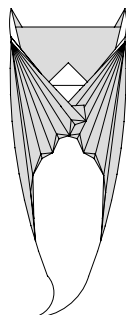
29. Valley-fold a little piece of paper on both wings to create claws.



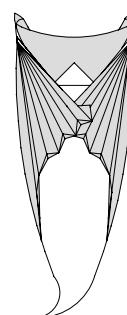
30. Create a series of inside reverse folds while pleating both wings.



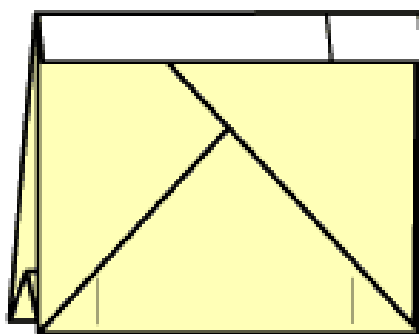
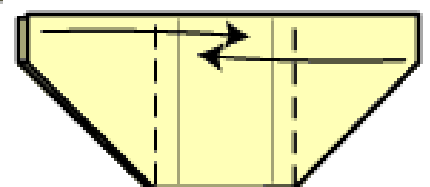
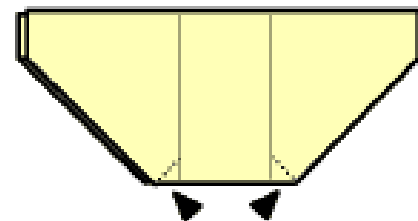
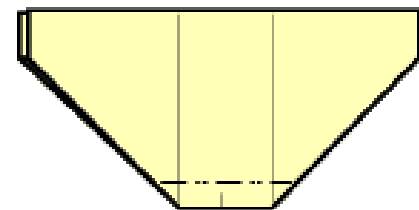
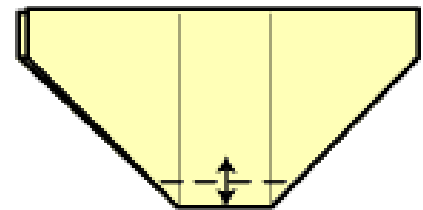
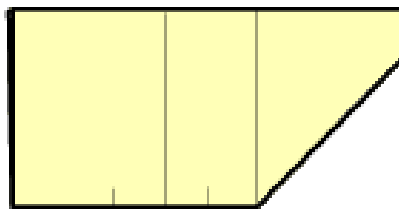
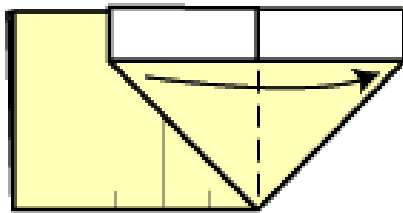
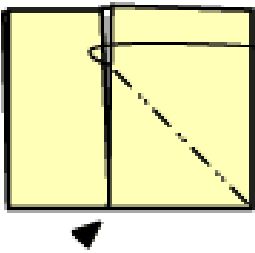
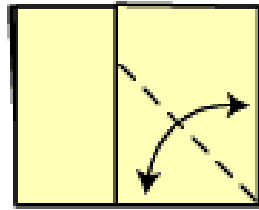
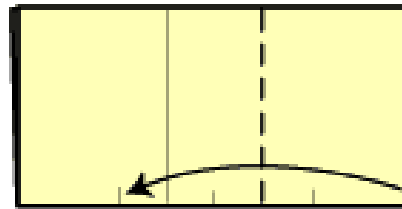
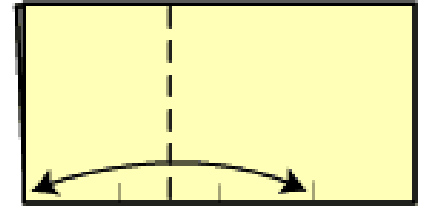
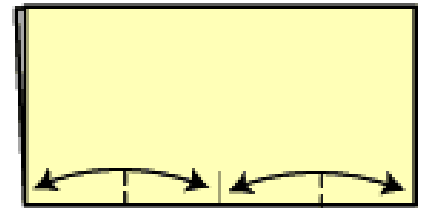
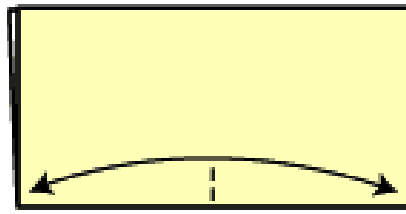
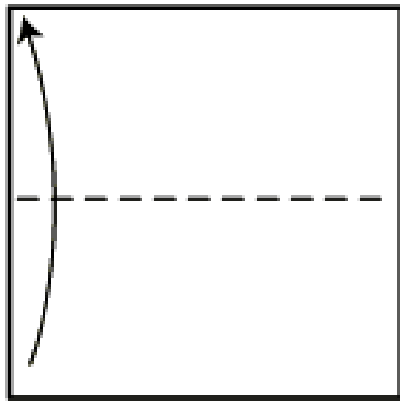
31. Using step 19, fold down the wings and adjust them as in step 32.



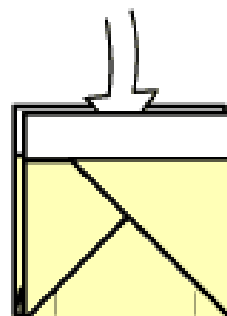
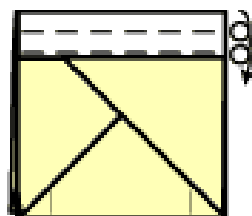
32. Shape the head and the ears as you like.



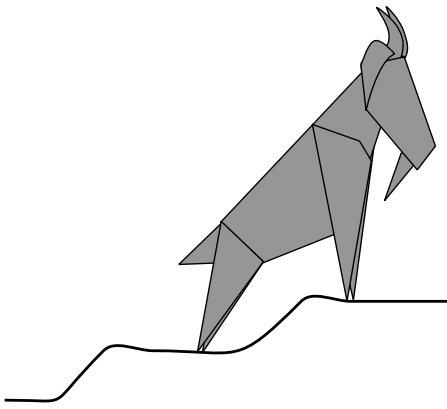
33. The result.



*Gift Bag*  
©Doris Lauinger

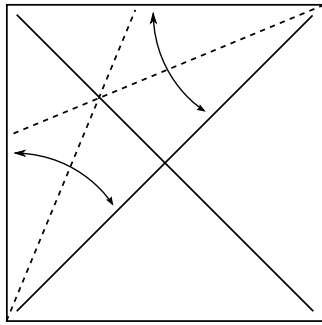


*diagrams & sequence*  
Nick Robinson

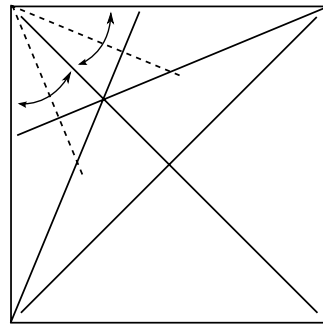


# Mountain Goat

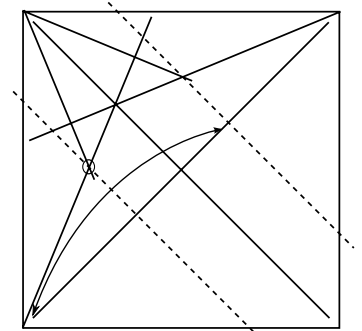
All too often we get models that stand on all fours, on flat, horizontal surfaces. Here's one that doesn't.



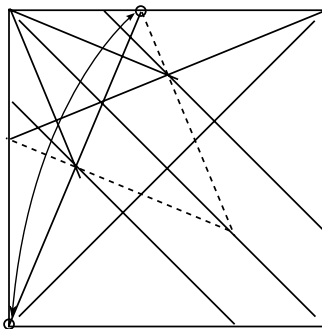
1. Fold and unfold



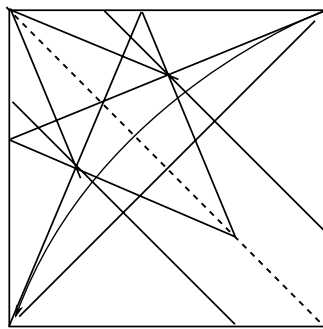
2. Fold and unfold



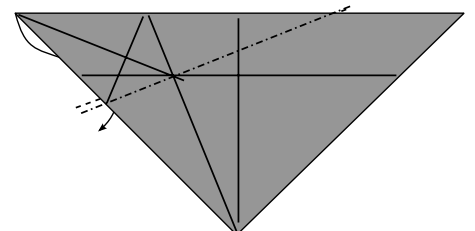
3. Fold and unfold



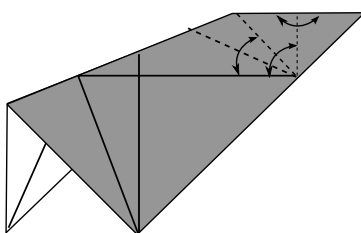
4. Fold and unfold



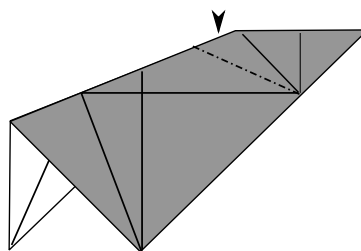
5. Fold in half



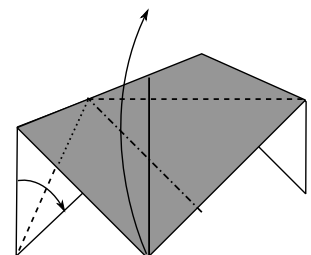
6. Reverse fold



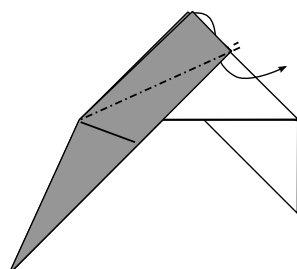
7. Fold and unfold



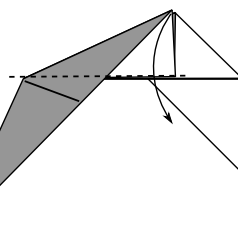
8. Close sink



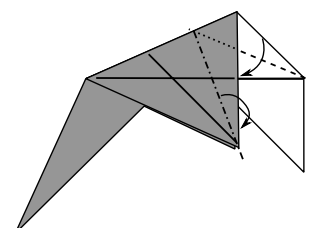
9. Lift one flap up;  
repeat behind



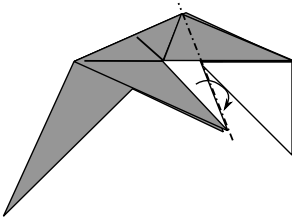
10. Reverse fold;  
repeat behind



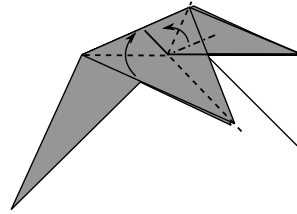
11. Fold one flap down;  
repeat behind



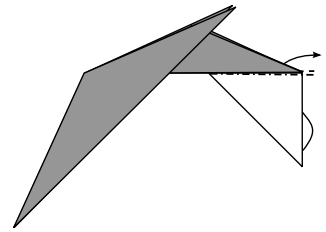
12. Swivel fold;  
repeat behind



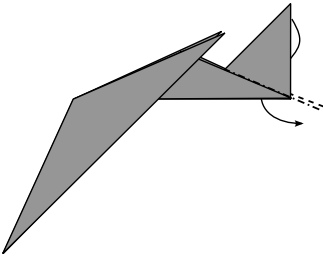
13. Fold under;  
repeat behind



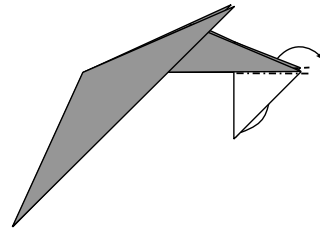
14. Wing fold;  
repeat behind



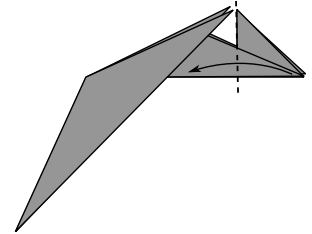
15. Reverse fold



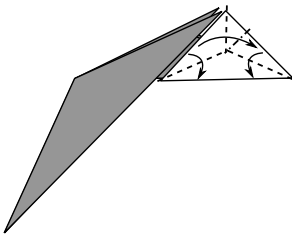
16. Reverse fold



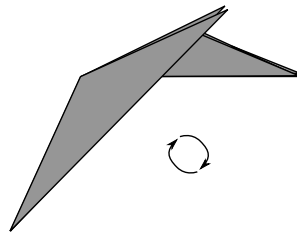
17. Reverse fold



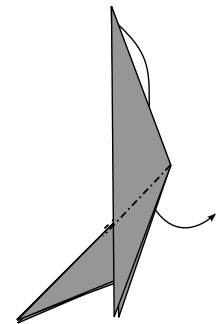
18. Valley fold



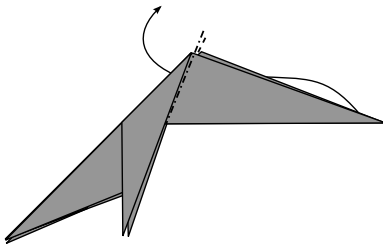
19. Rabbit ear, then  
close up the flap



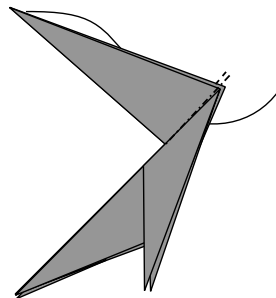
20. Rotate the model



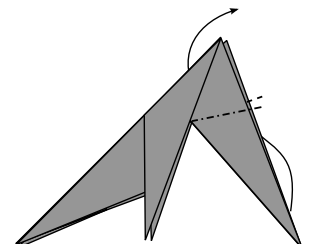
21. Reverse fold



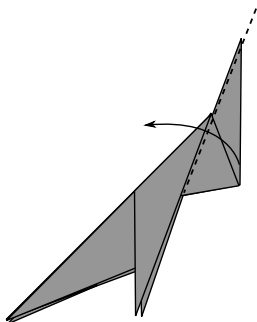
22. Reverse fold



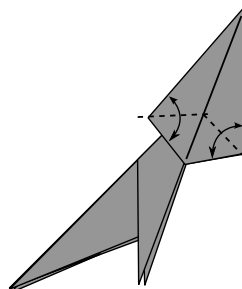
23. Reverse fold



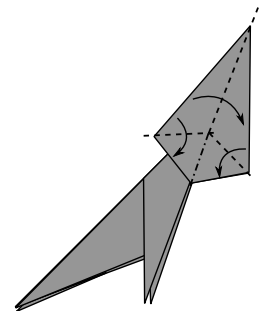
24. Reverse fold



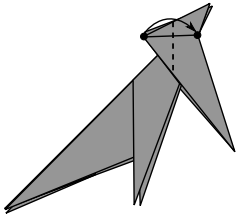
25. Valley fold one  
layer to the left



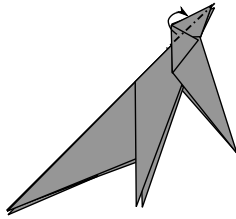
26. Fold and unfold  
along the angle  
bisectors



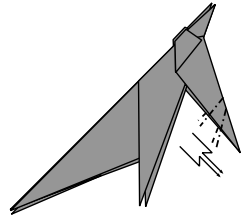
27. Rabbit ear, then  
close up the flap



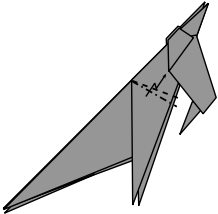
28. Valley fold; repeat behind



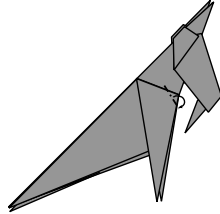
29. Mountain fold the flap into the pocket; repeat behind



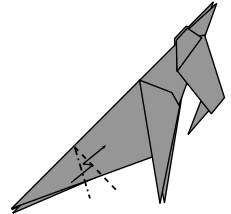
30. Crimp



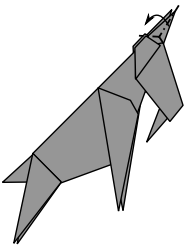
31. Crimp the foreleg; repeat behind



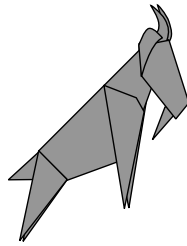
32. Mountain fold the corner; this prevents the model from splaying



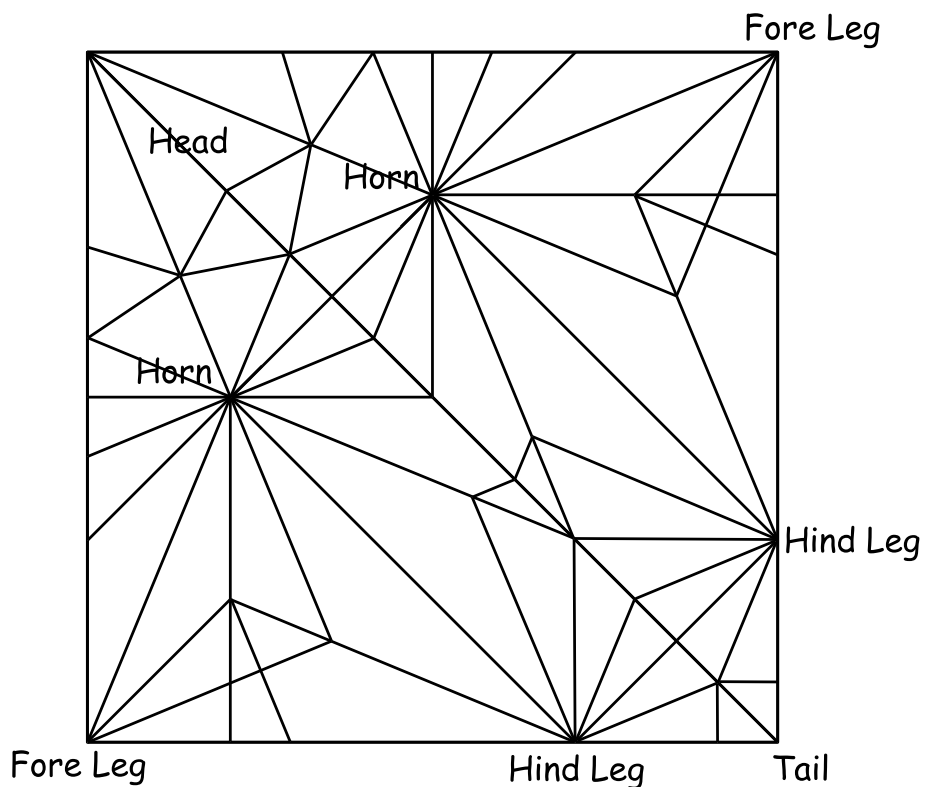
33. Crimp the hind leg; repeat behind



34. Double rabbit ear to form the horn and spread out the ear; repeat behind

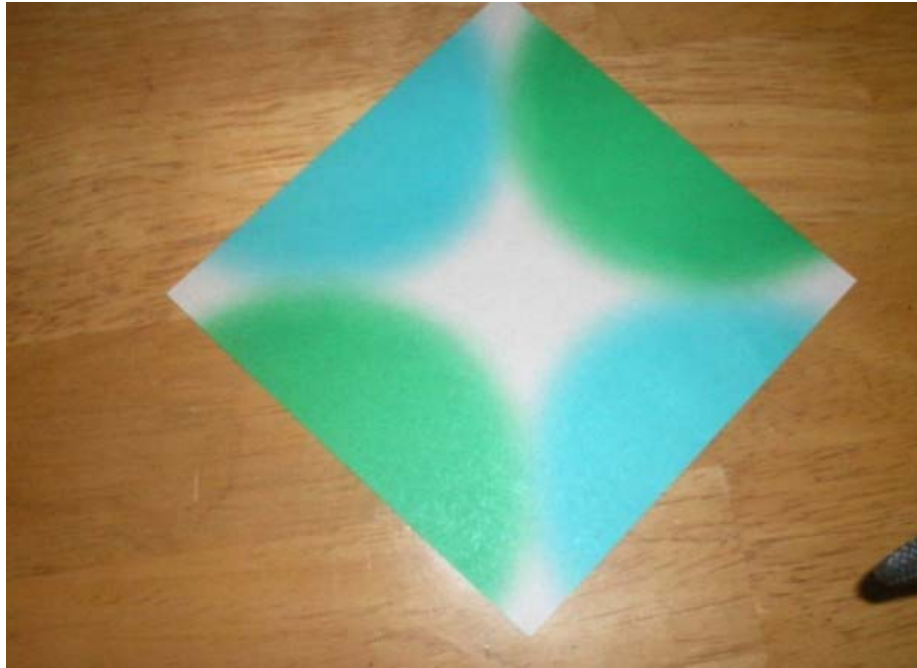


35. Finished Mountain Goat

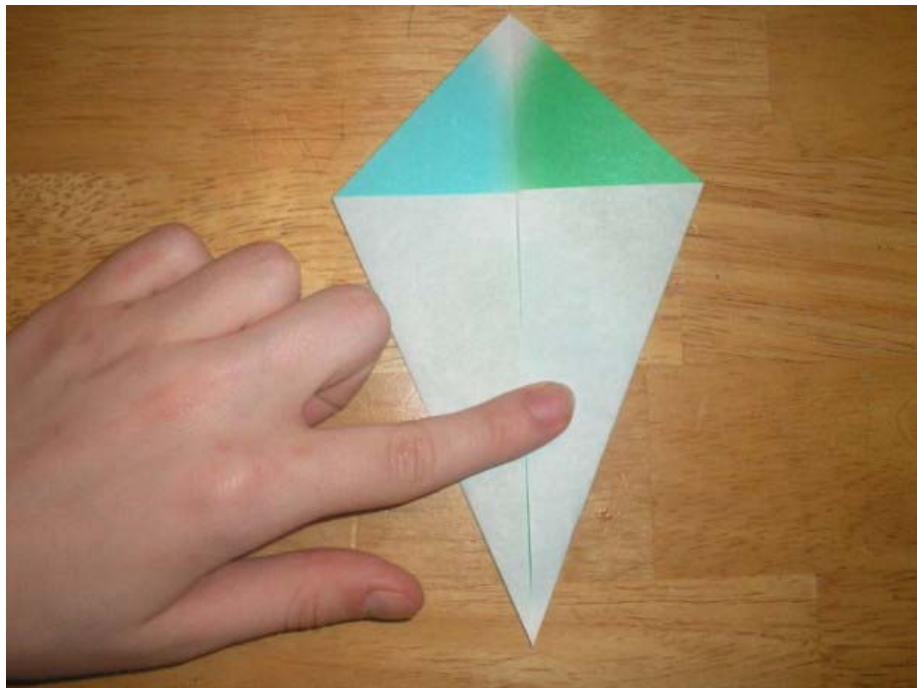


# Chikorita

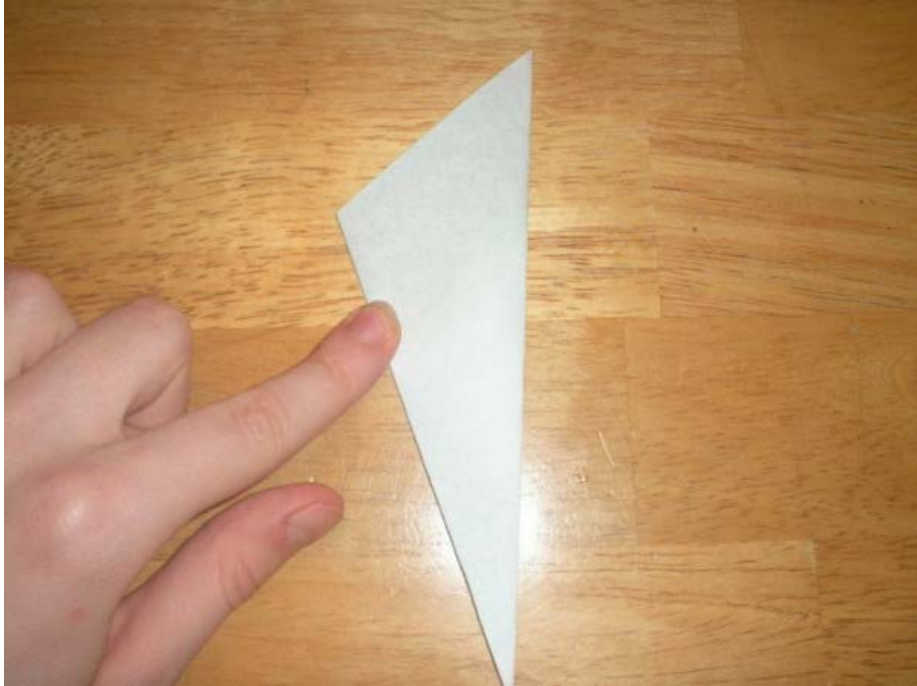
By Android raptor



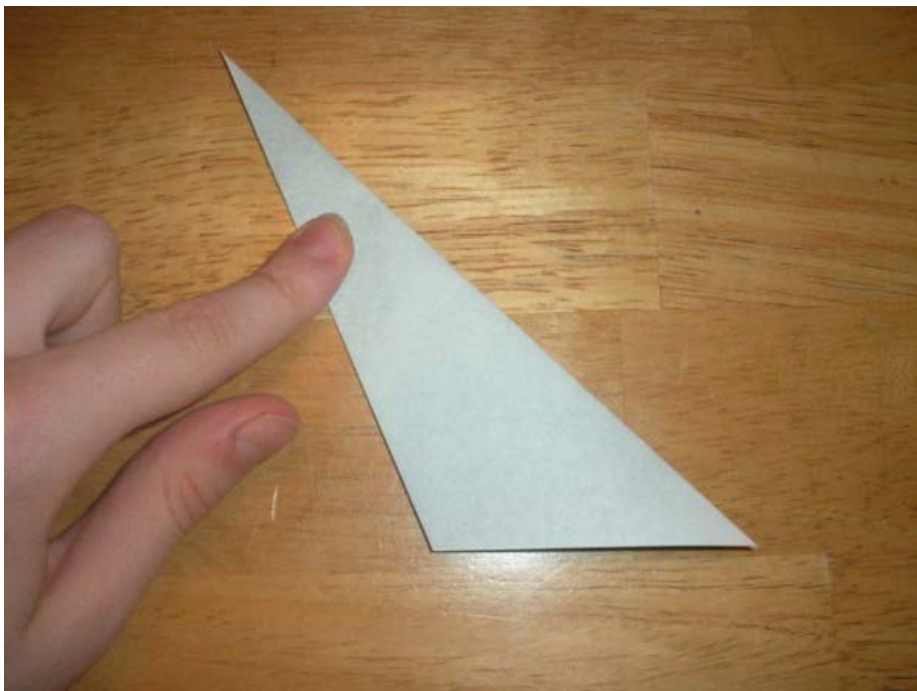
1. Begin with a square color side up for a colored leaf.



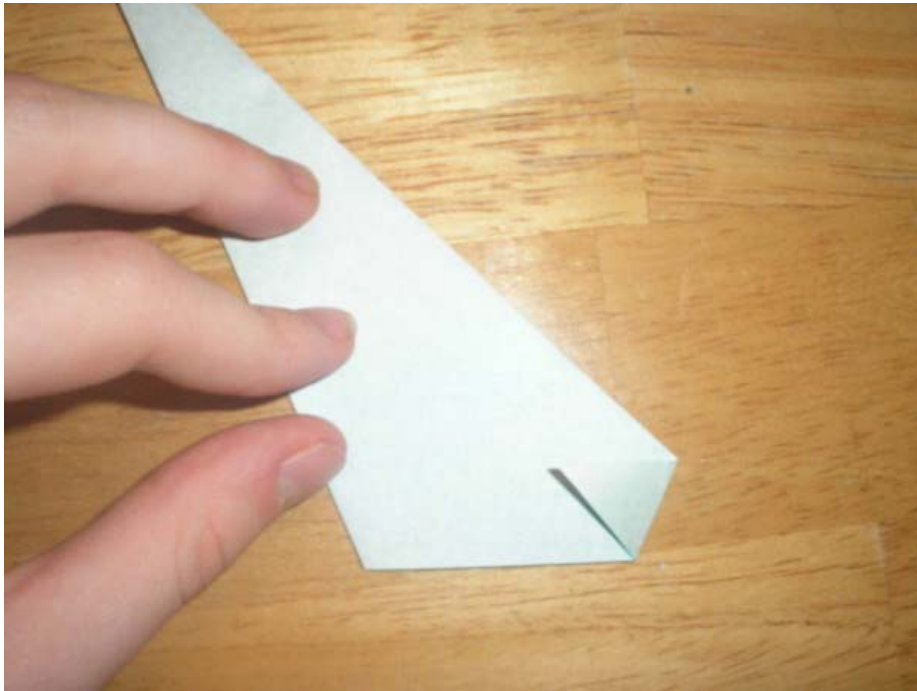
2. Fold a kite base.



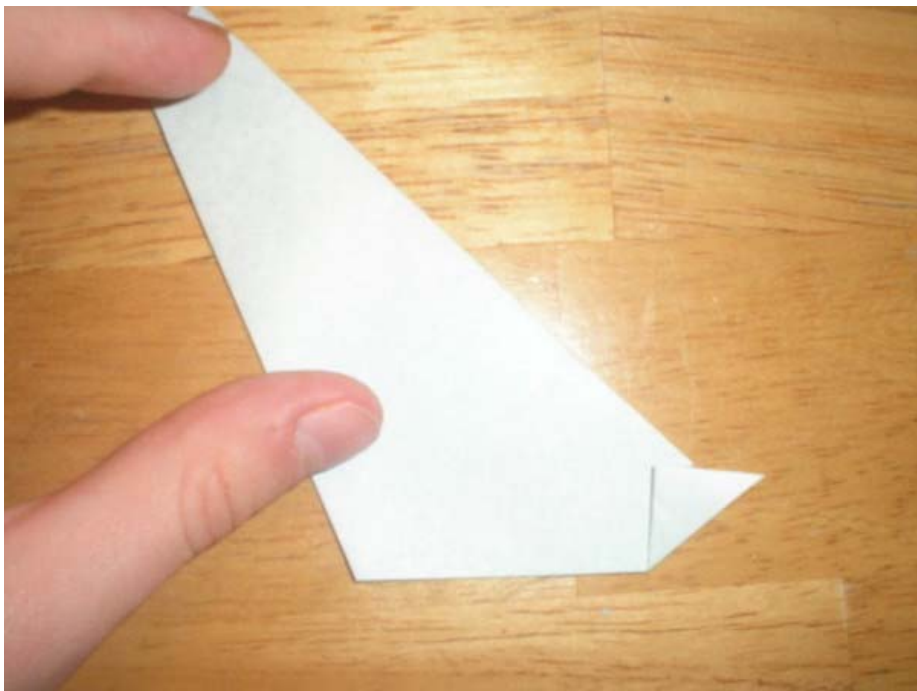
**3. Fold the kite base in half.**



**4. Rotate as shown.**

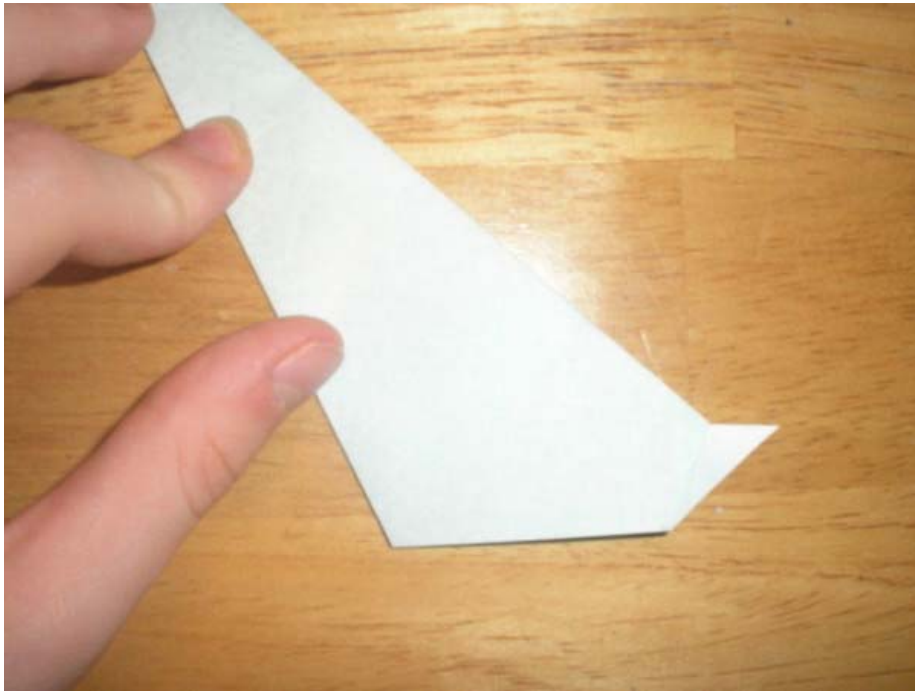


**5. Fold the back point as shown. Crease well.**

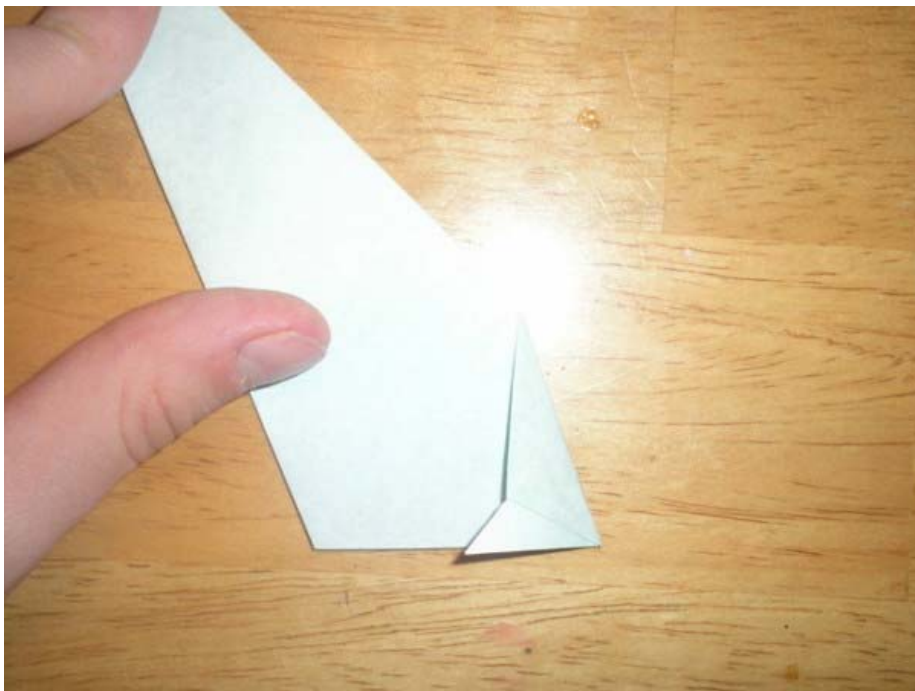


**6. Fold the point again, using the edge as a guideline.**

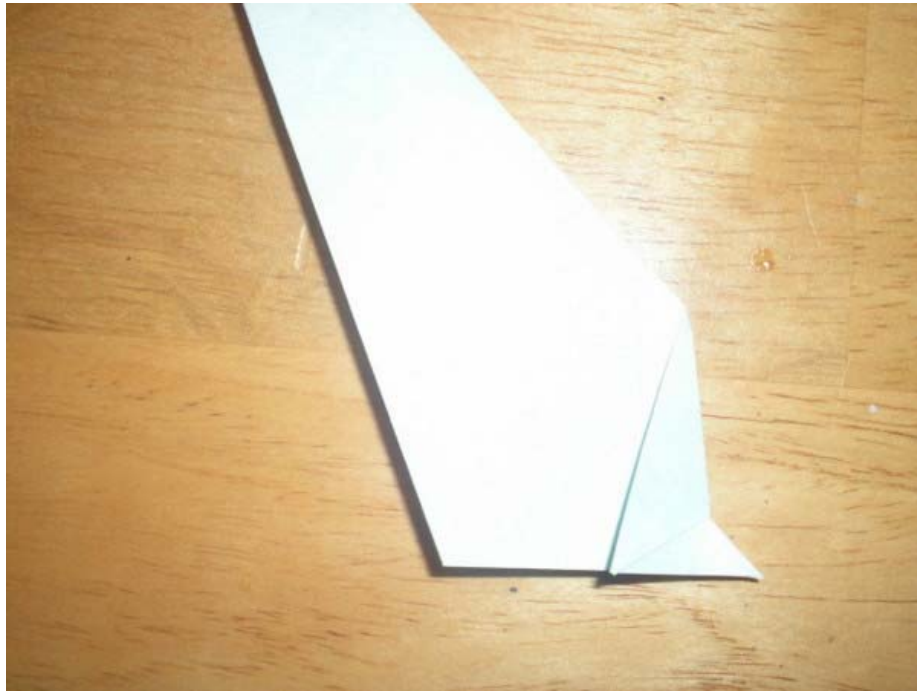




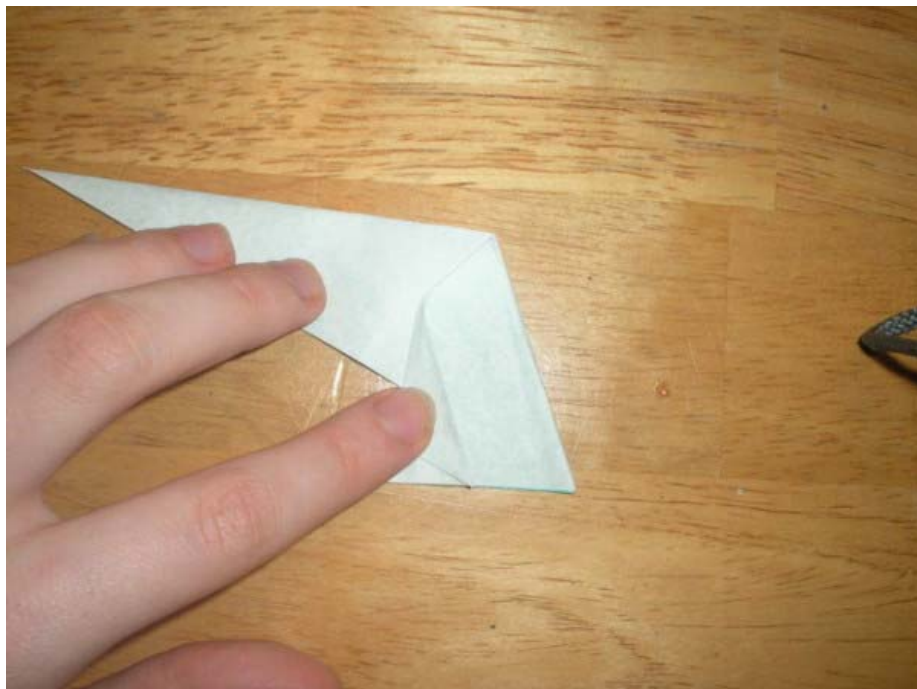
**7. Crimp using the creases you just made.**



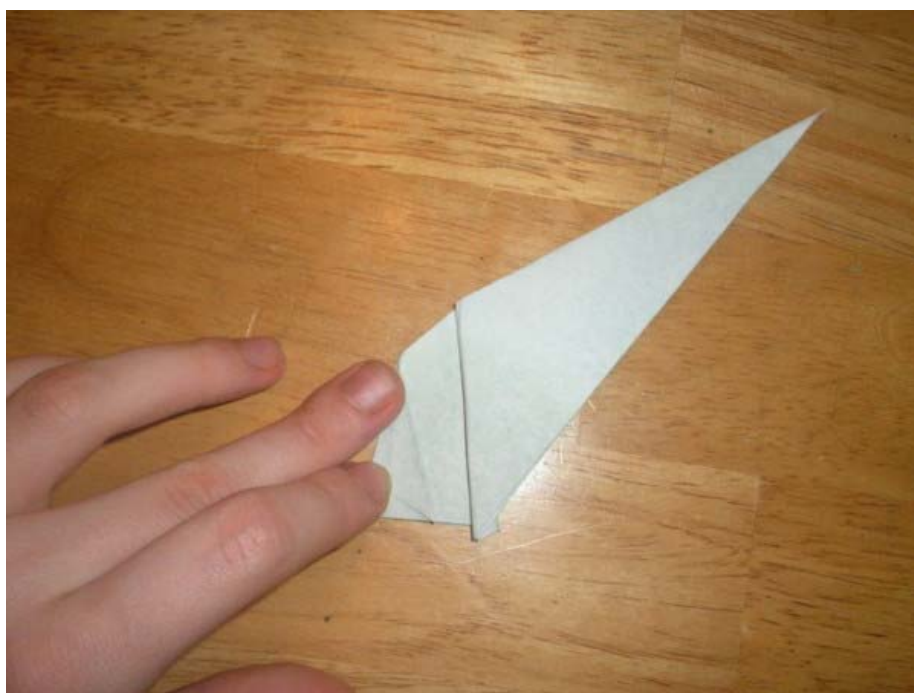
**8. Fold the point down so it lies in line with the bottom edge. Crease well.**



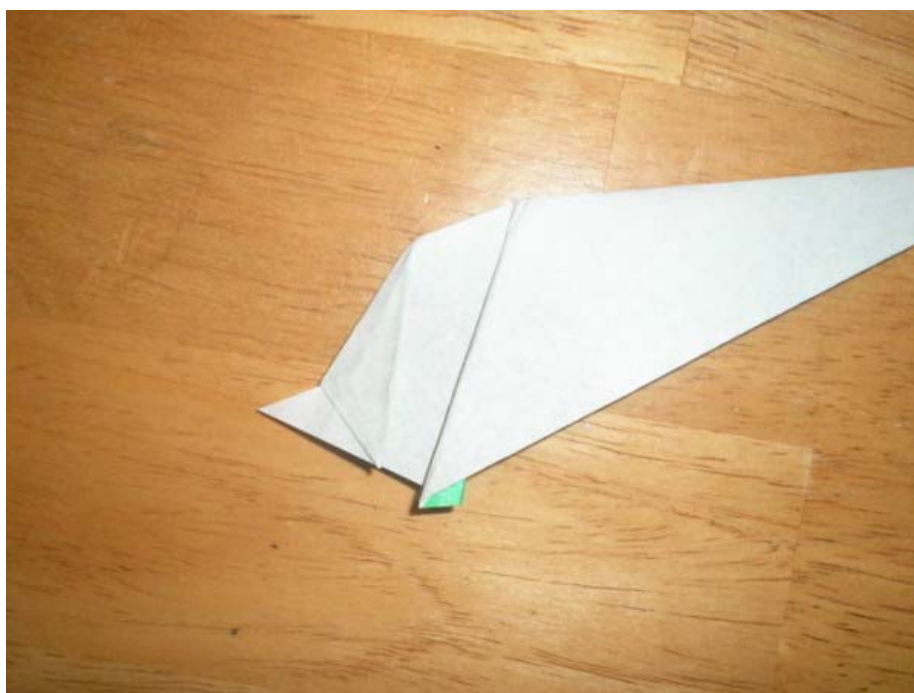
**9. Unfold step 8 and crimp like shown.**



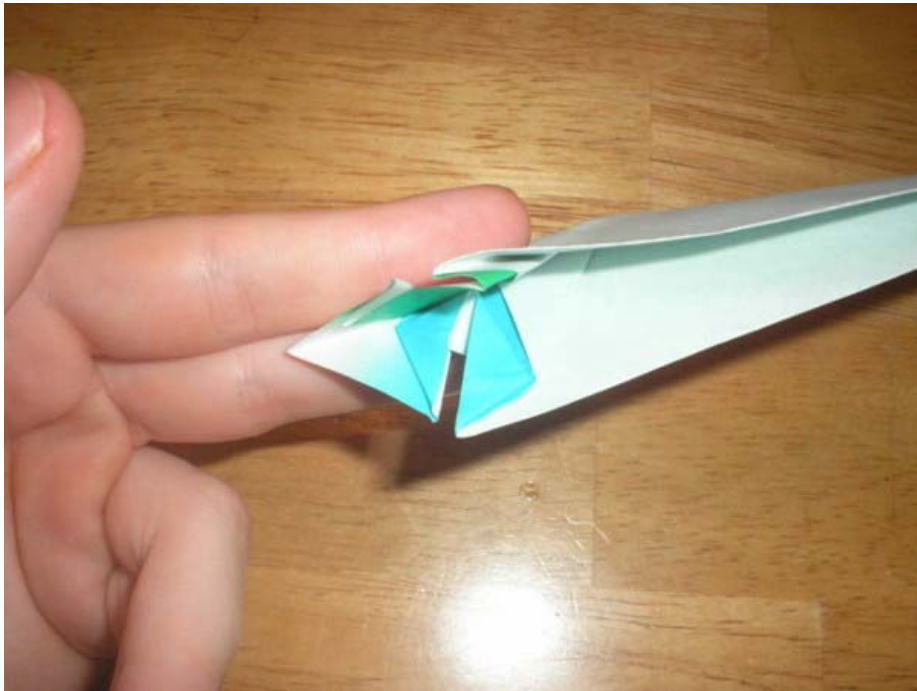
**10. Turn the model over and precrease at the angle shown.**



**11. Fold the pint back as shown. Crease.**



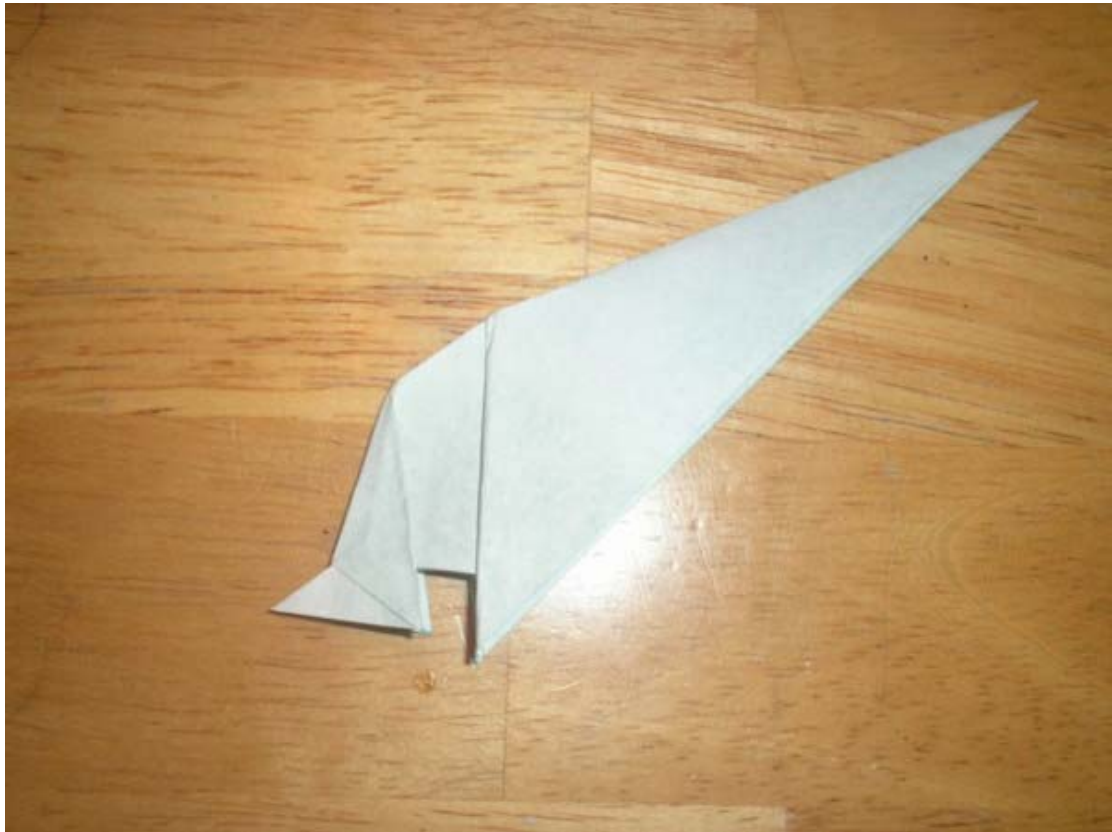
**12. Open steps 10 and 11. Crimp along the creases.**



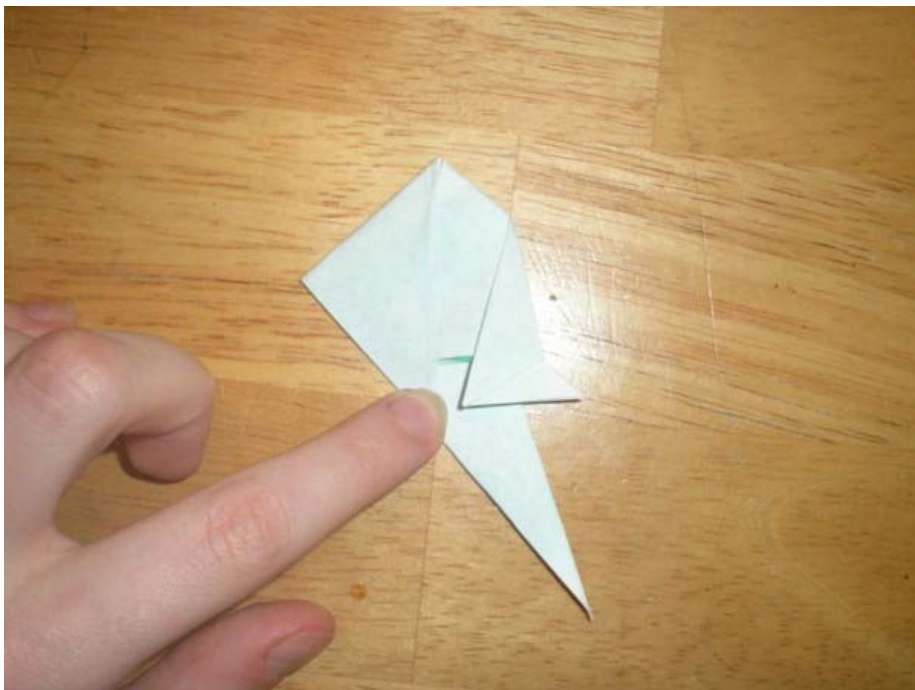
**13. Open out the bottom of the model and petal fold to thin the body and form the legs.**



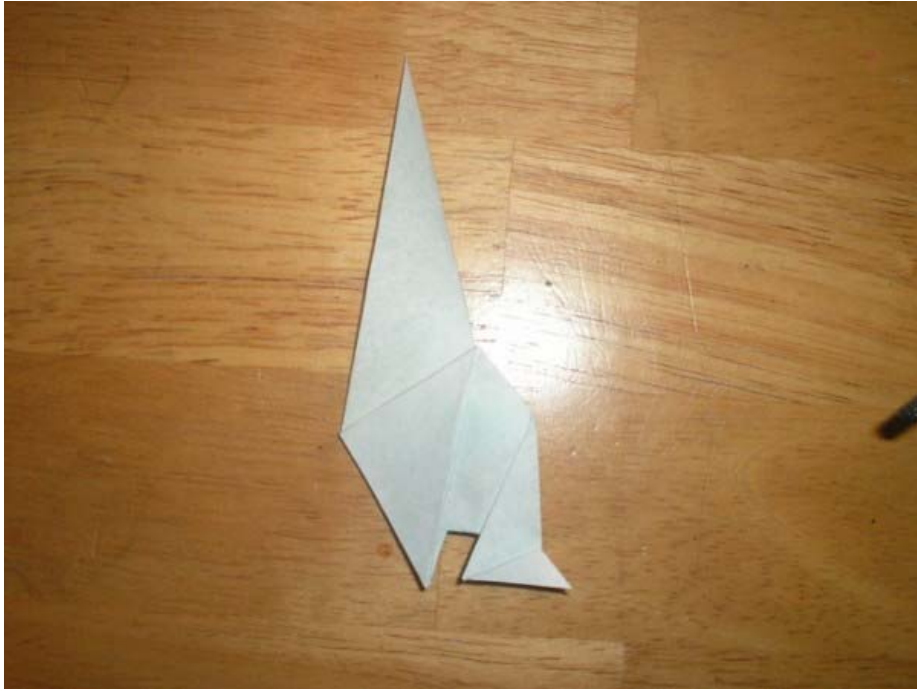
**14. Petal fold again to get rid of the excess paper on the legs.**



15. Steps 13 and 14 completed on both sides.



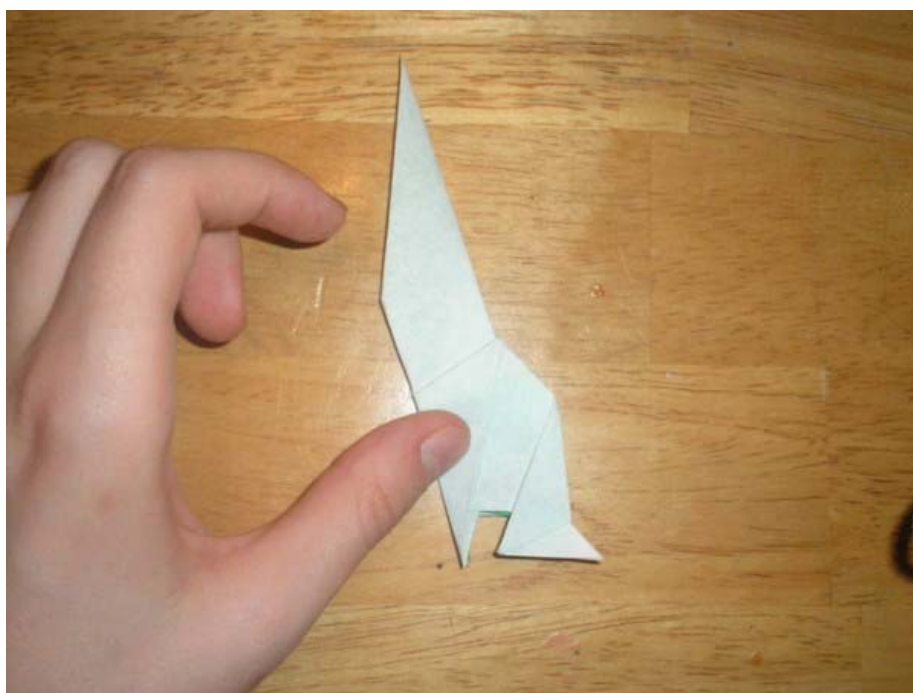
16. Fold the top point down as shown, using the edge as a marker.



**17. Inside reverse fold along the crease and fold the point up as far as it will go.**



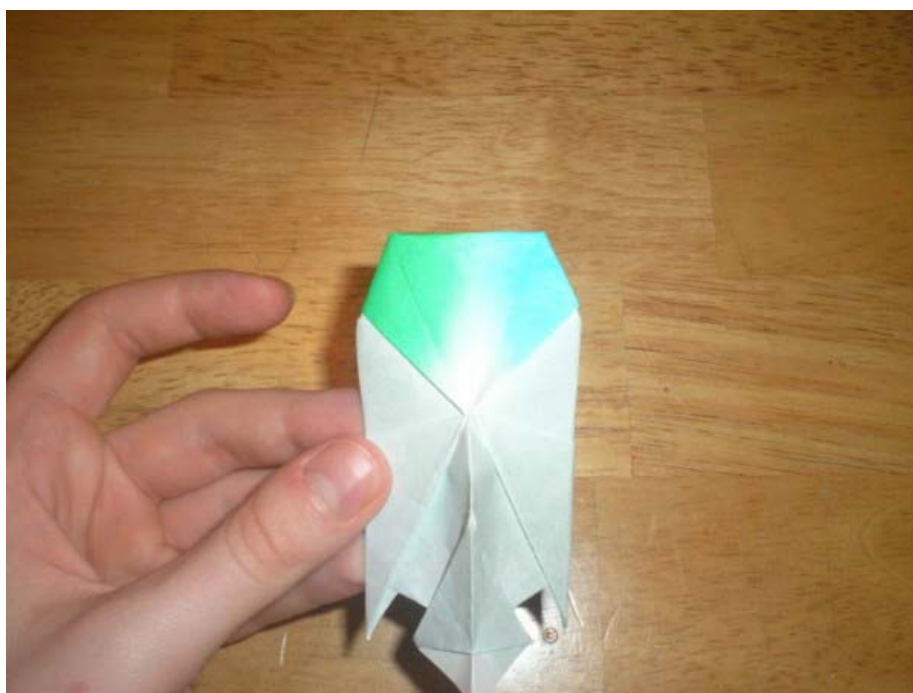
**18. Open out the point and valley fold along the front legs to thin them and form the head.**



**19. Step 18 complete.**



**20. Fold the tip of the point down and out as shown. This will become the leaf.**

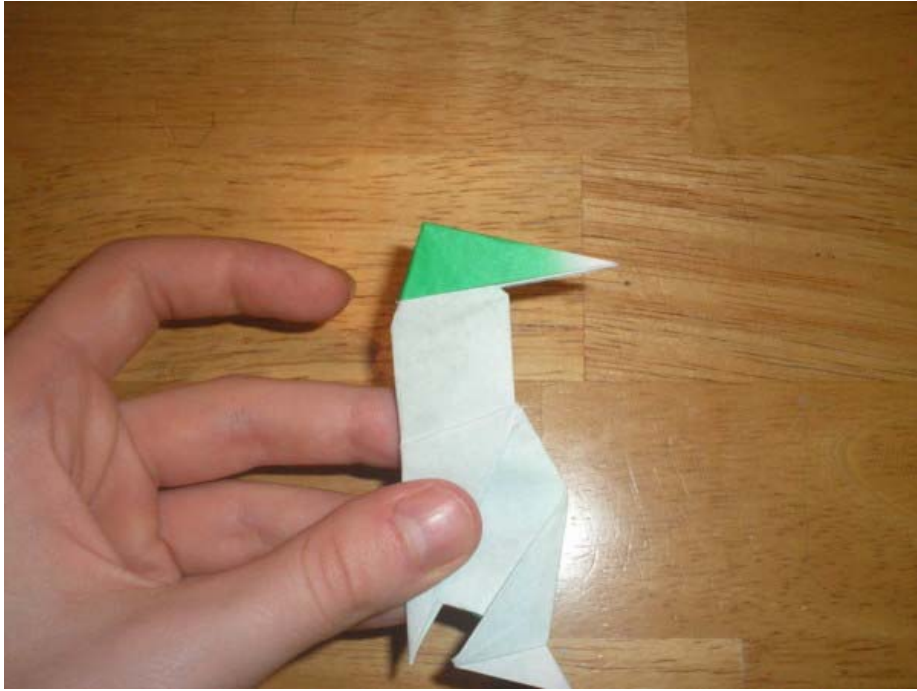


**21. Open out the point and fold it over the back of the head. Be careful not to tear the paper.**

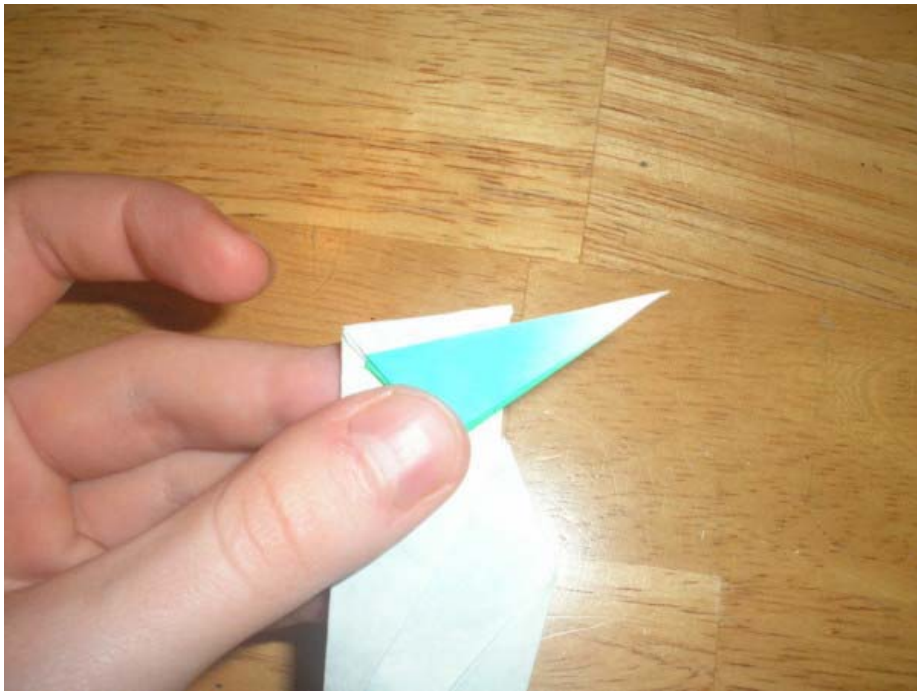


**22. An inside view of the last step.**

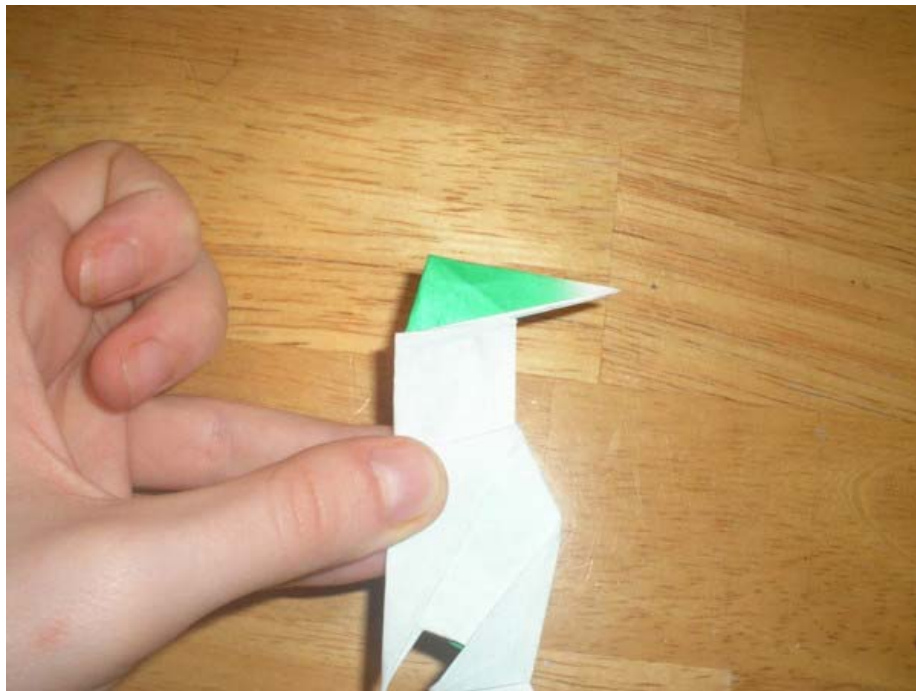




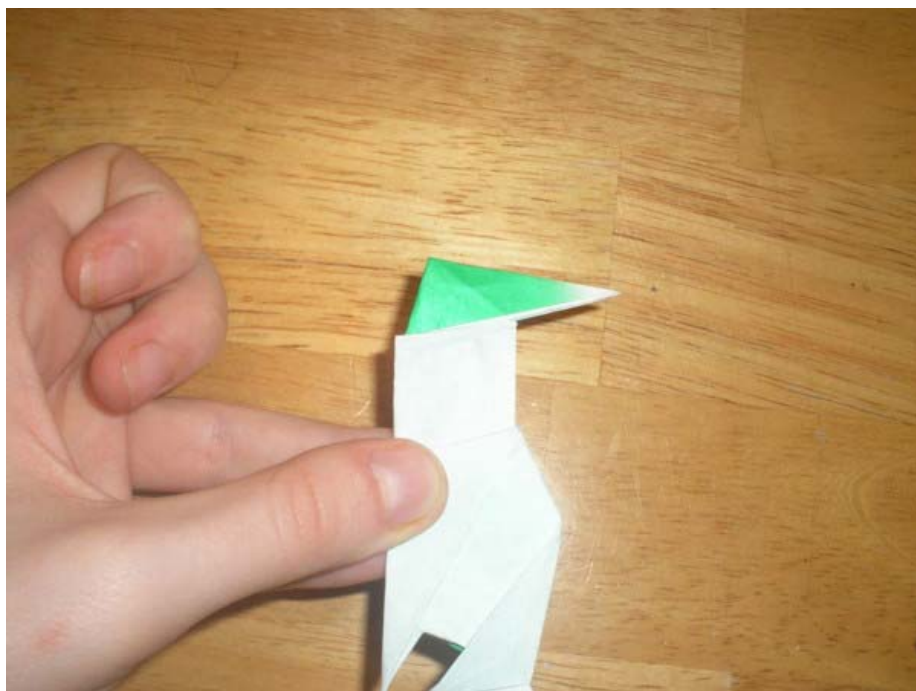
**23. Carefully fold the color changed point up and out. This will be the result.**



**24. Fold the top down to precrease.**



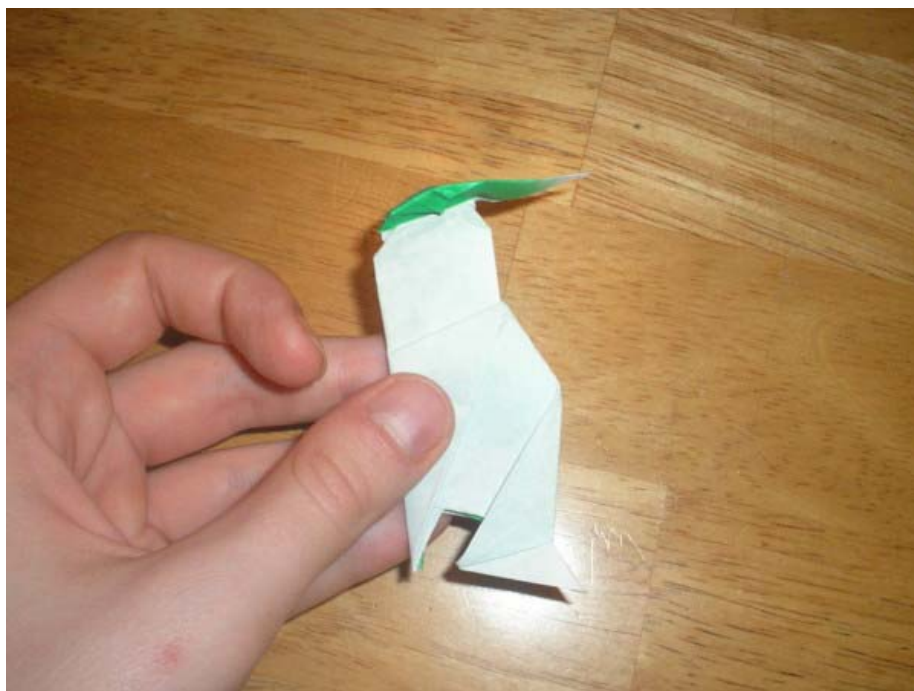
**25. Crimp the top of the head along the crease you just made.**



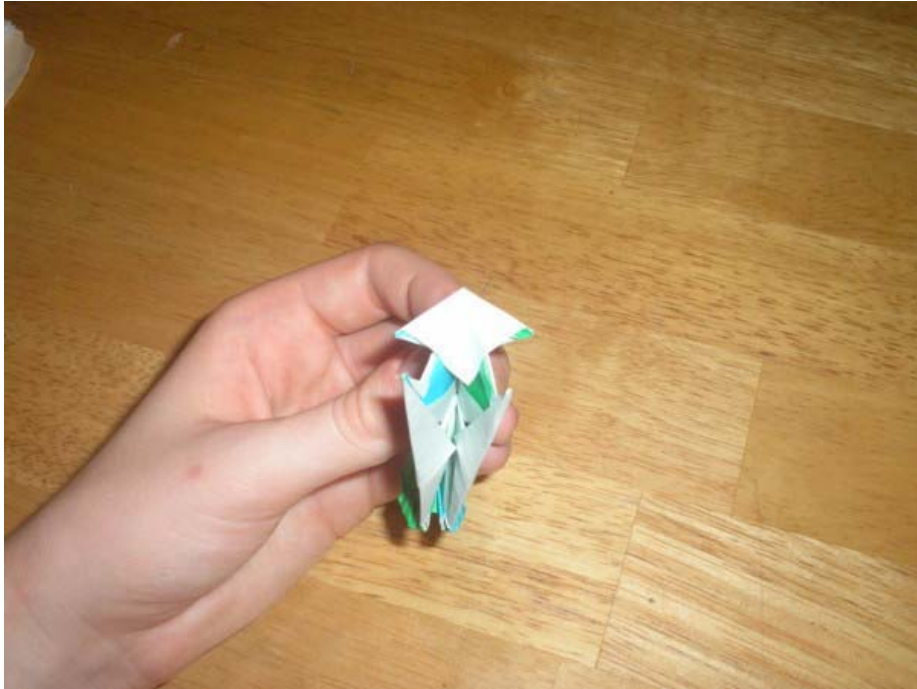
**26. The result.**



**27. Sink the back and front corners. Fold the leaf as shown.**



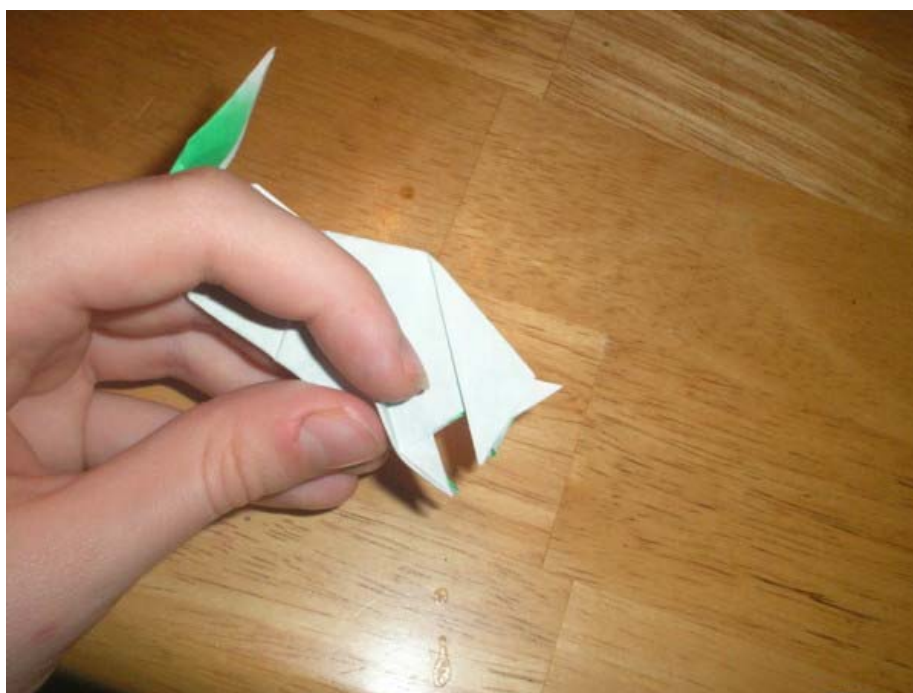
**28. Fold the leaf out and shape to taste.**



**29. Now for the tail. Open out the rear and fold back the tail.**



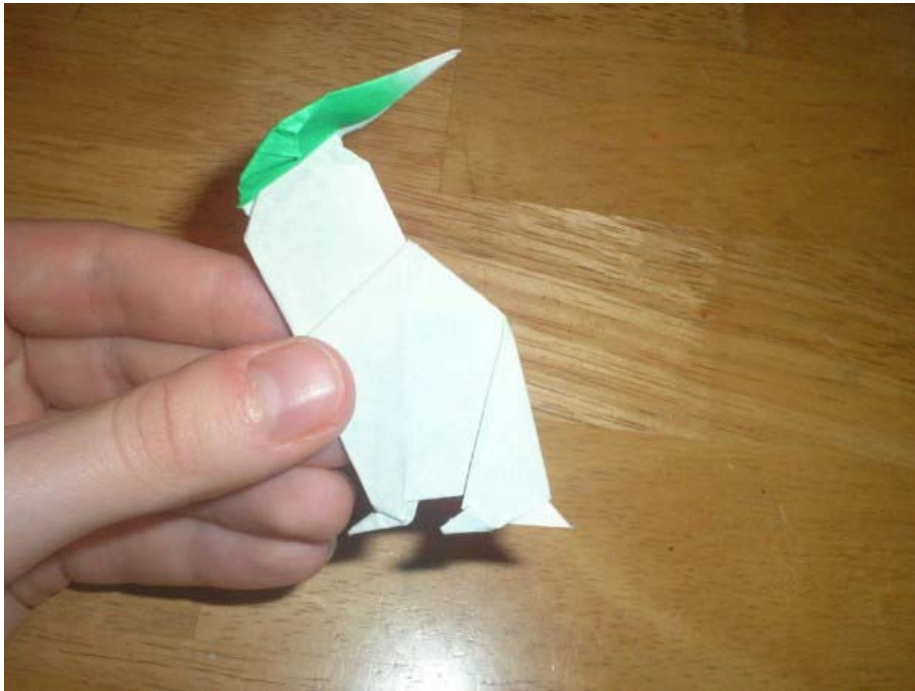
**30. Valley fold out the point to make a shorter tail.**



**31. Now for the legs. Open out the front legs...**



**32. And crimp them like so.**




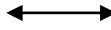
**33. Crimp the back legs as well.**

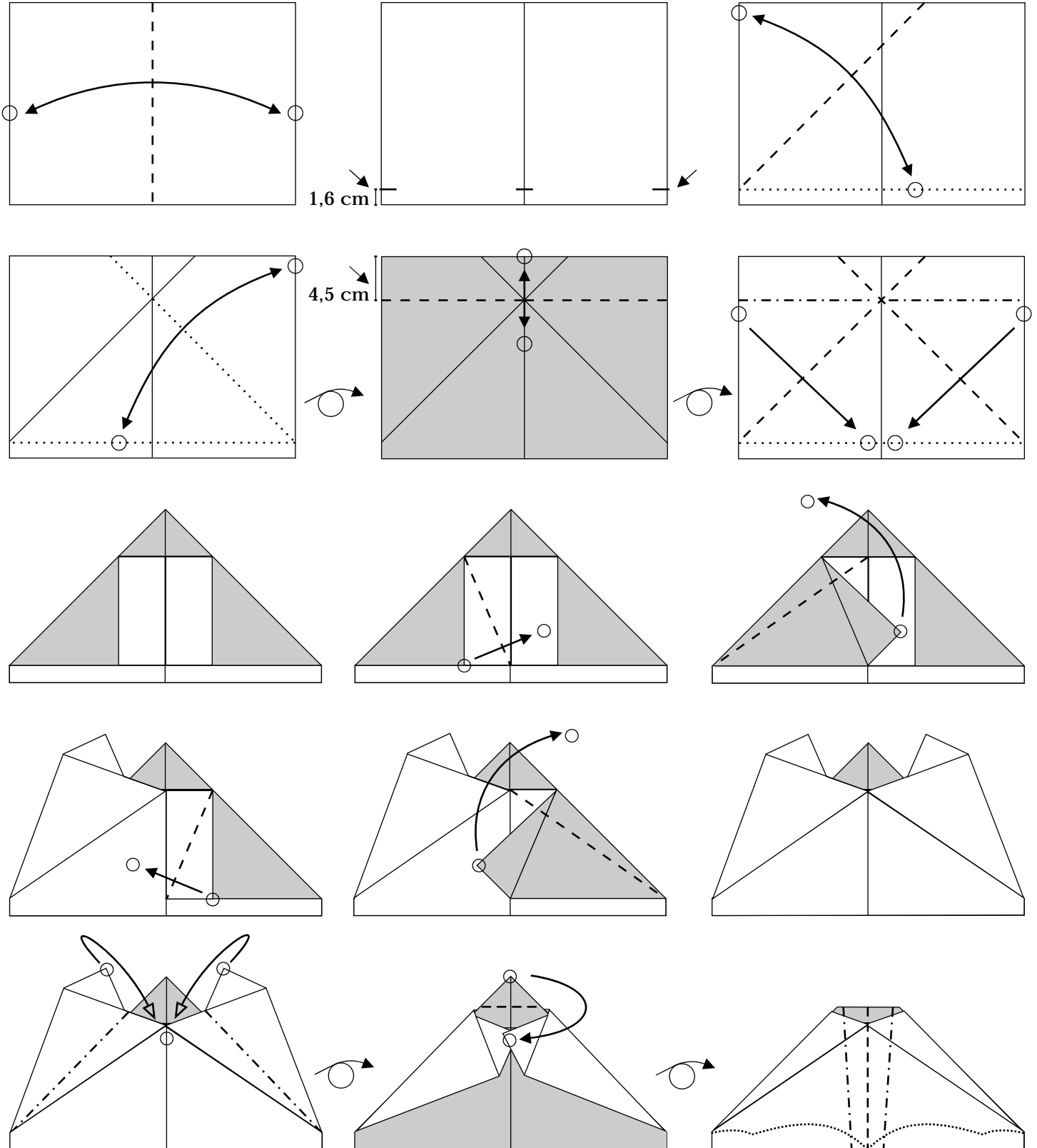


**Finally, the finished Chikorita! This one is in the sitting position, so feel free to try your hand at making other postures :)**

# Evi Binzinger

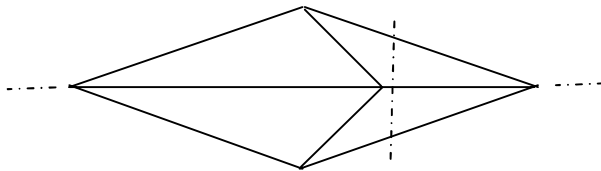
## Drachenflieger

- Bergfalte
- Talfalte
-  Papier wenden
-  Falten und öffnen
- ..... Markierung
- ..... Schneiden

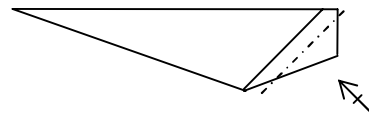


# Simple Swimming Swan

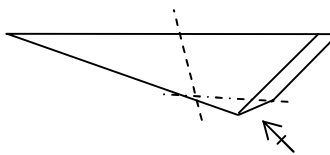
Design and diagram: Franz Muskovich



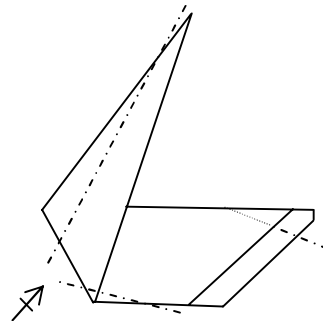
Start with a fish base.  
Mountain fold the tail.  
Mountain-fold in half.



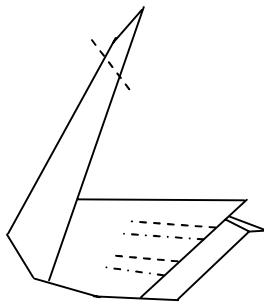
Mountain fold. Repeat behind.



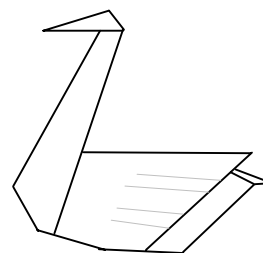
Open-sink at the bottom. Repeat behind.  
Outside-reverse-fold the neck.



Mountain-fold at the bottom. Repeat behind.  
Sink the neck - but only "halfway".  
Inside-reverse-fold the tail - but only "halfway".  
This is to produce a nice 3D-effect.  
See the photos to know what is meant ☺



Outside-reverse-fold the head.  
Shape the wings.



Finished simple swimming swan.

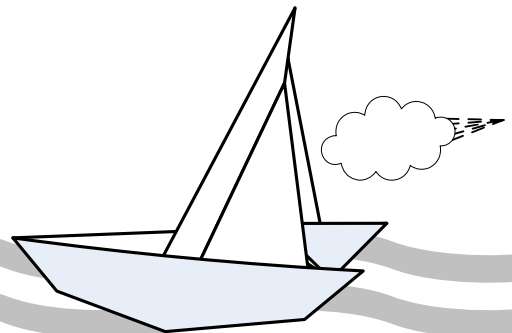
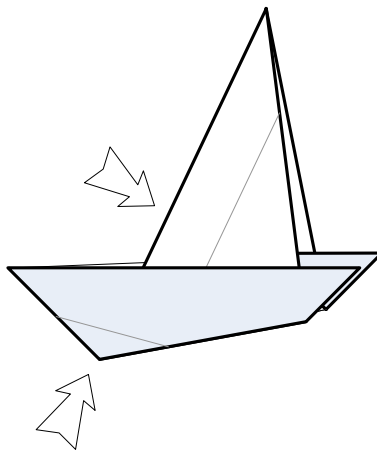
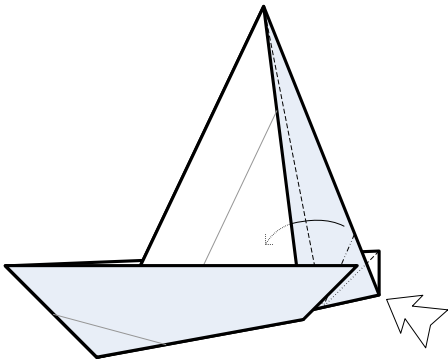
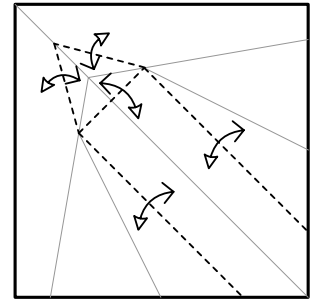
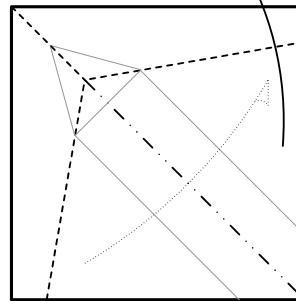
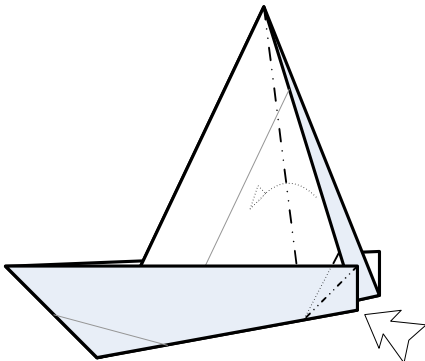
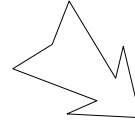
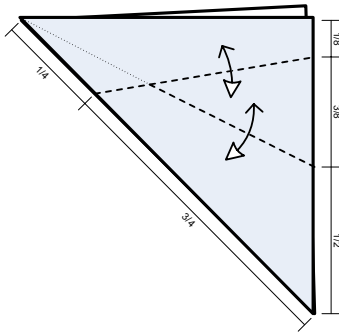
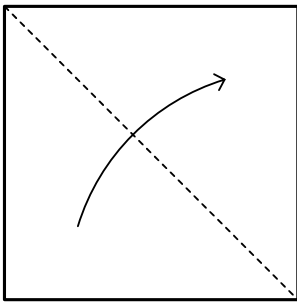


# Sailboat

Designed by Gadi Vishne

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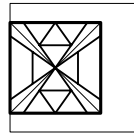
# Stellated Rhombic Dodecahedron Puzzle

Crease Pattern Instruction.

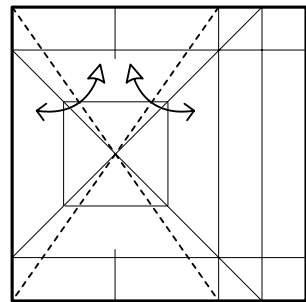
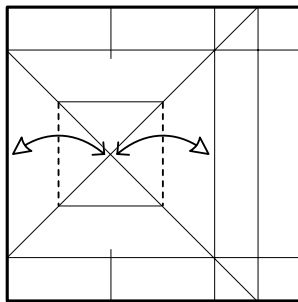
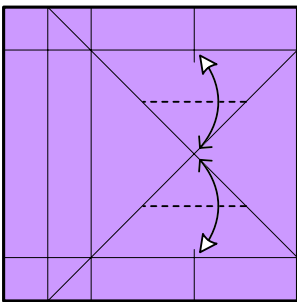
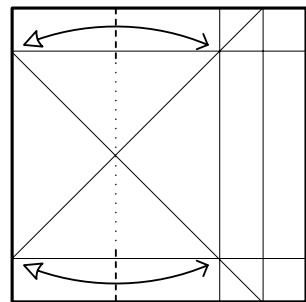
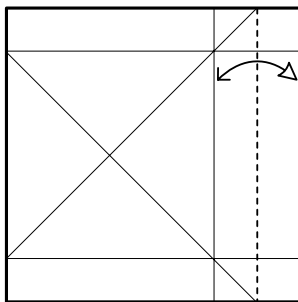
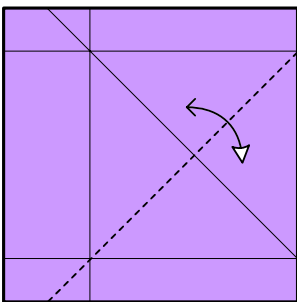
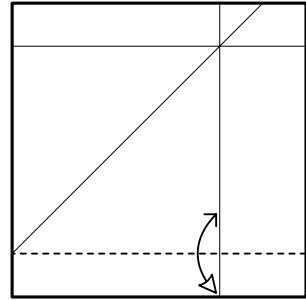
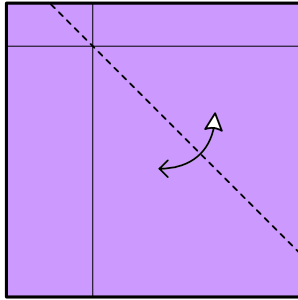
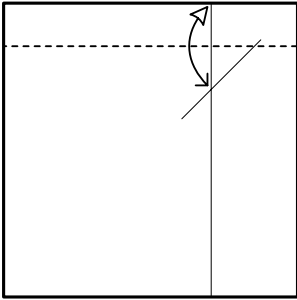
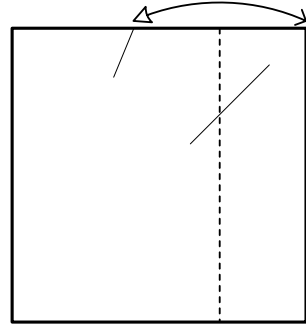
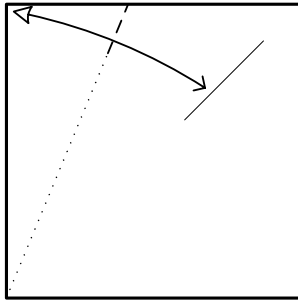
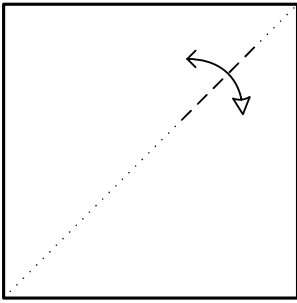
Designed by **Gadi Vishne**

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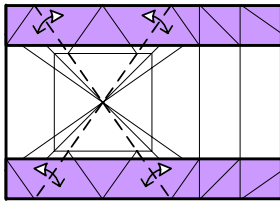
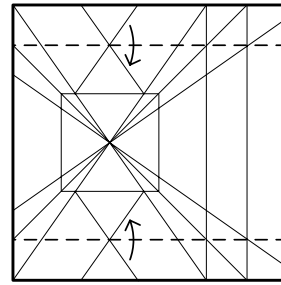
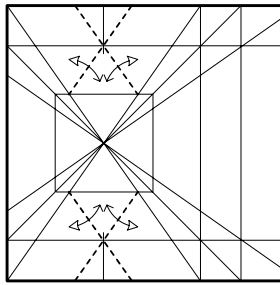
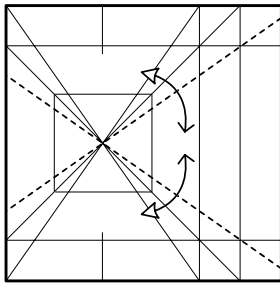
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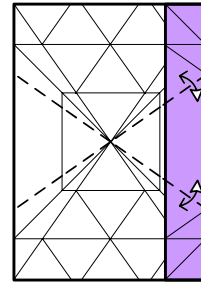
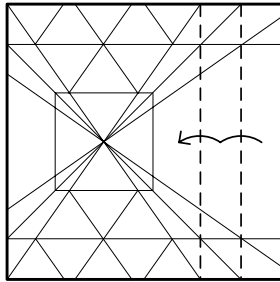
$\times 6 =$



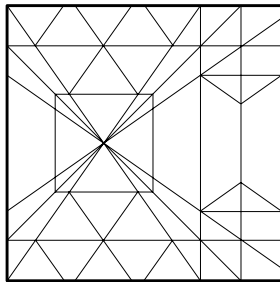
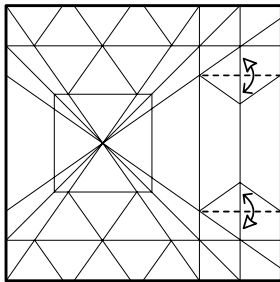
# Stellated Rhombic Dodecahedron Puzzle



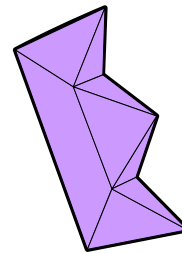
Fold and unfold along the exists creases



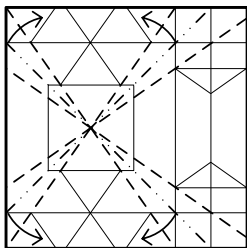
Fold and unfold along the exists creases



The Crease Pattern

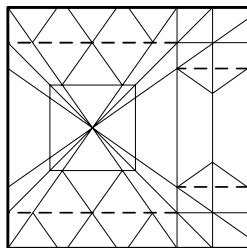


## Collapsing guidelines:



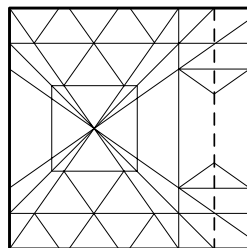
Step 1

Create pyramid

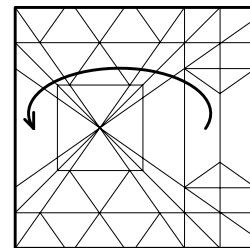


Step 2

Robust the edges

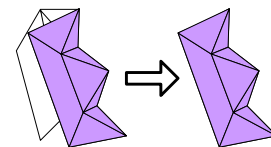


Step 3



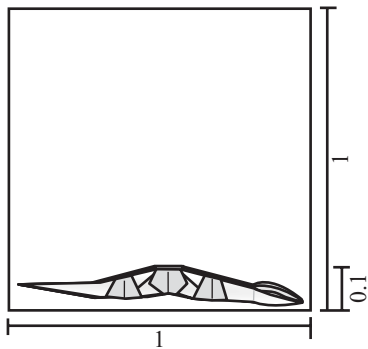
Step 4

Create the shape, and close it.

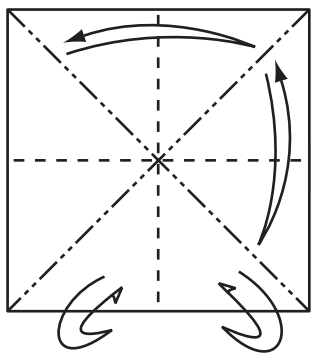


# Corn Snake

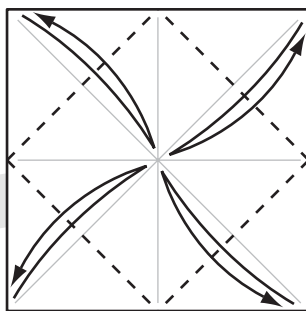
Design & Diagrams by Gerwin Sturm (2007/09/27)



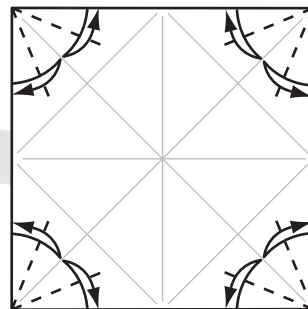
The thing I like most about this model is that all the folds have reference points and that the dots on the snake get their natural position with "traditional" folds. The base for the model is actually a stretched blintzed birdbase. Because the model needs a lot of shaping in the end, foil paper is recommended. A 15 cm square of Japanese foil works nicely and will result in a snake about 15 cm (a bit less) long.



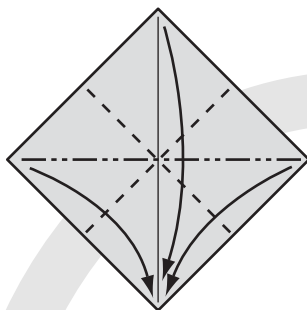
1. Precreasing.



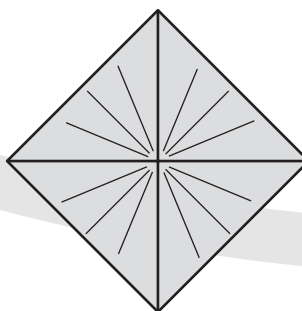
2. Fold the corners to the middle and unfold.



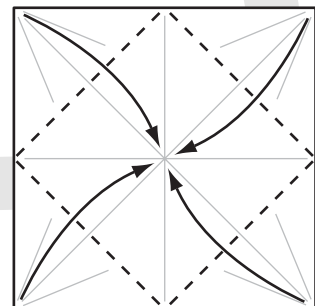
3. Precrease angle bisectors, but not beyond the creases of step 2.



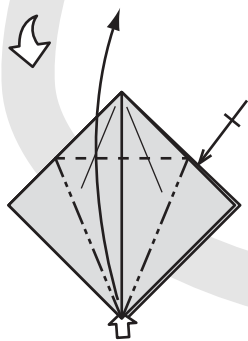
4. Fold the corners to the middle.



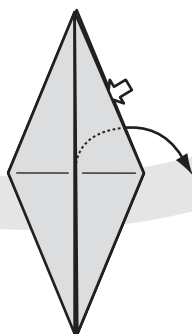
5. Turn the model over.



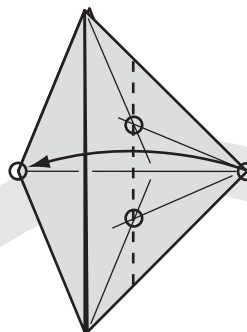
6. Preliminary base.



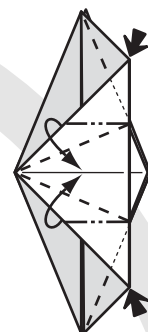
7. Petal fold. Repeat behind.



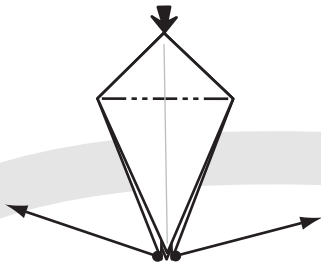
8. Pull out a layer from behind.



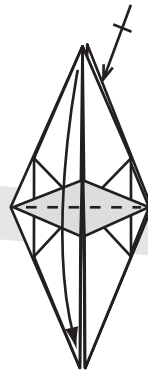
9. Fold the corner over to the other side. The crease should go through the shown intersections.



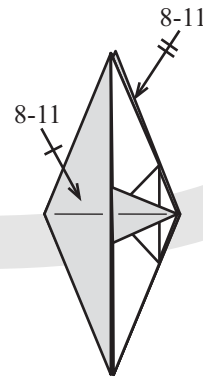
10. Swivel the sides in on the existing creases.



14. Take the points in the middle and stretch them apart as far as they will go. The top point will "disappear". Model doesn't remain flat.



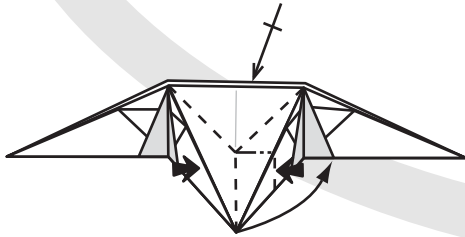
13. Fold the flap down. Repeat behind.



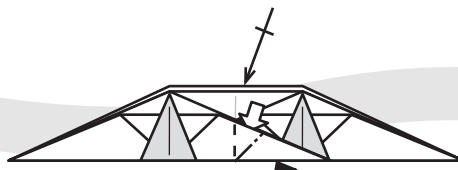
12. Repeat steps 8-11 on the left and on both sides behind.



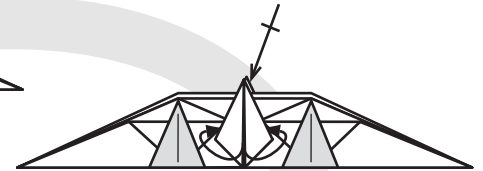
11. Fold the point to the right.



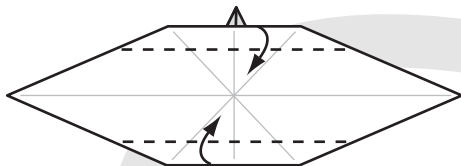
15. Form an internal rabbit ear by squeezing the sides together, and fold the point to one side. Repeat behind. Model is flat again.



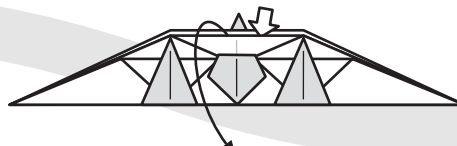
16. Open the flap in the middle and squash it upwards. Repeat behind.



17. Colour-change the flap. Repeat behind.



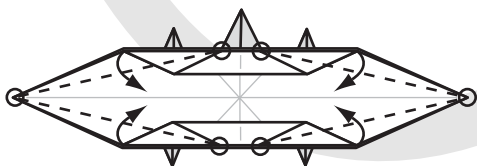
20. Fold the sides in along the edges behind.



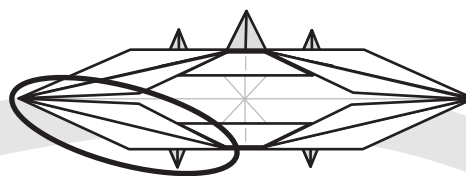
19. Open the model.



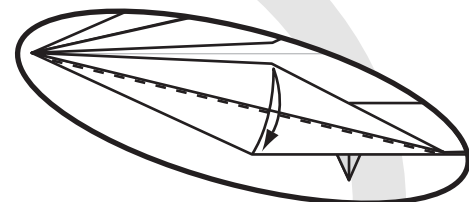
18. Fold the point into the pocket behind. DO NOT repeat behind.



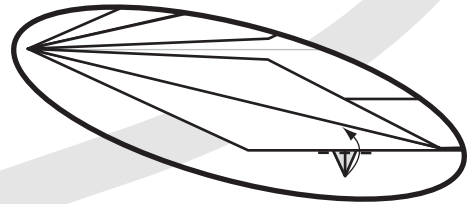
21. Fold the sides (top layers only) in using the shown reference points. Those are NOT angle bisectors.



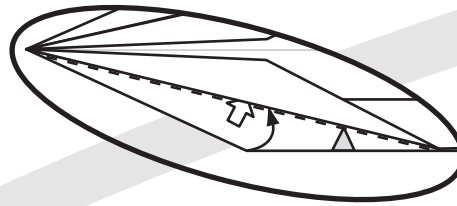
22. Focus on the shown area.



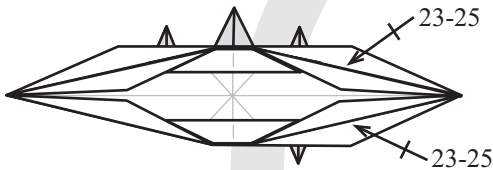
23. Fold and unfold along the edge.



24. Fold the tiny triangle up along the edge.



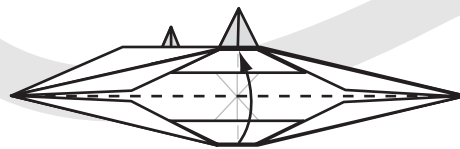
25. Fold on the existing crease and tuck the flap together with the small triangle into the pocket.



26. Repeat steps 23-25 for the two shown flaps. DO NOT repeat for the last flap.



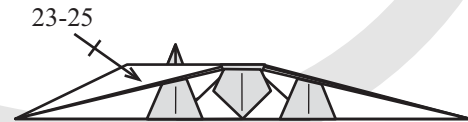
28. Tuck the point into the same pocket you used in step 18, the first pocket from the front. This locks the back together.



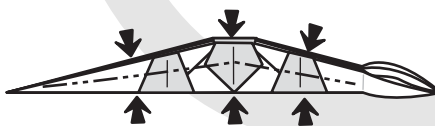
27. Fold the model in half.



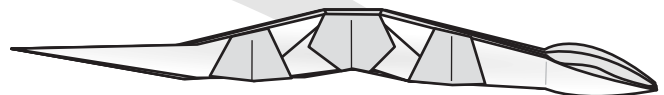
30. Open out the layers and shape the head. Sorry about this step. I've yet to find a proper folding sequence for the head. Suggestions are welcome :-)



29. Repeat steps 23-25 for the shown flap, but tuck it into the first pocket from the front, closing the back even more.

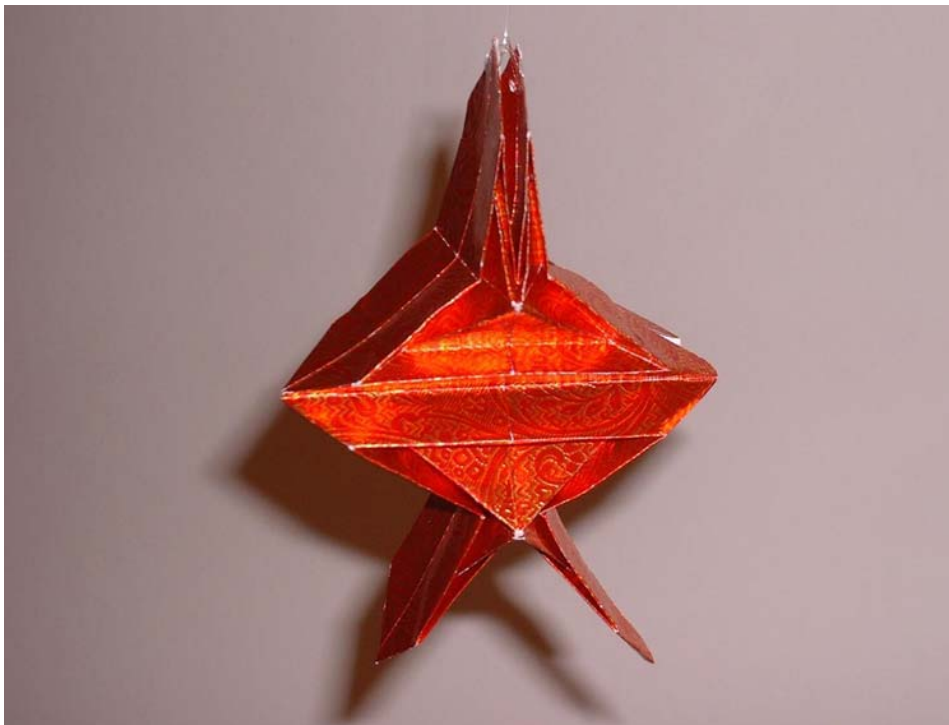
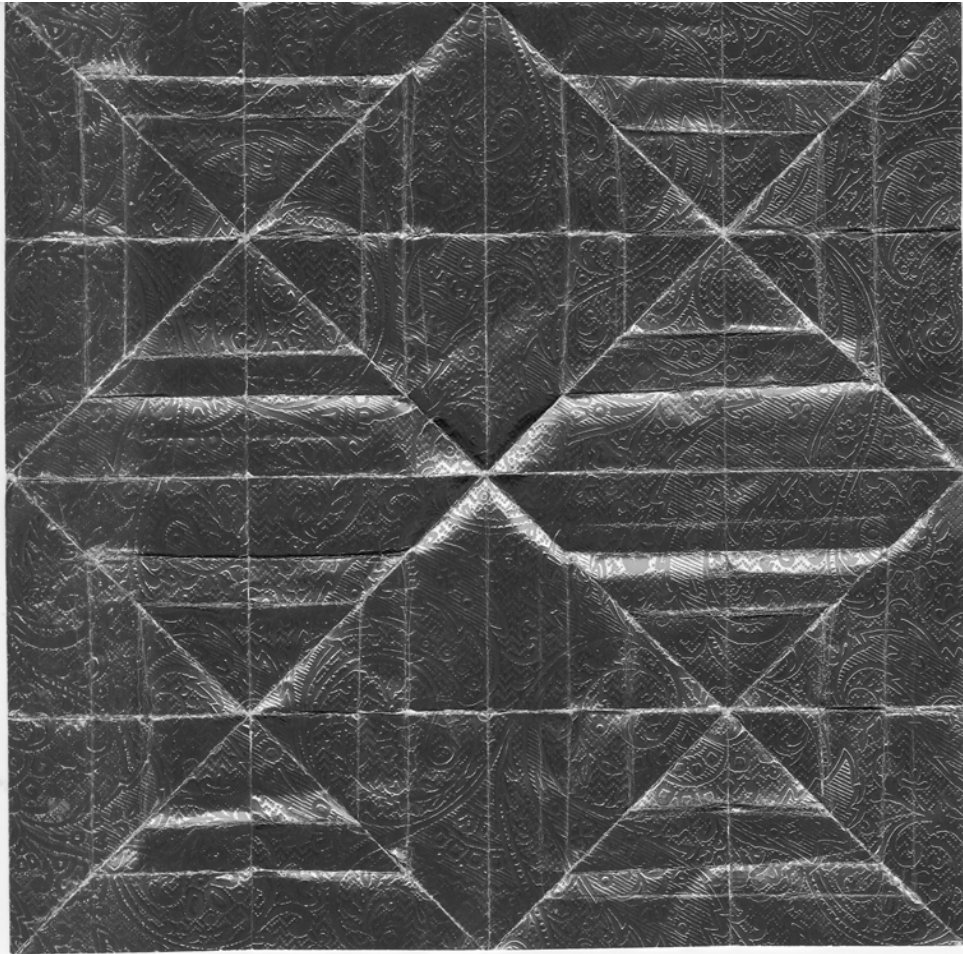


31. Round and shape the body.



32. The finished corn snake.

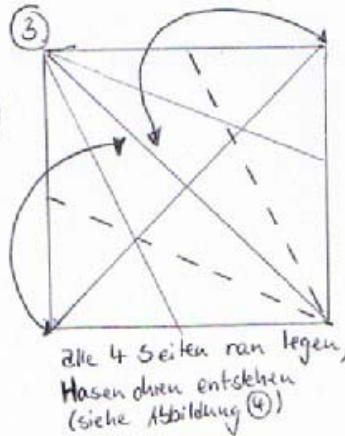
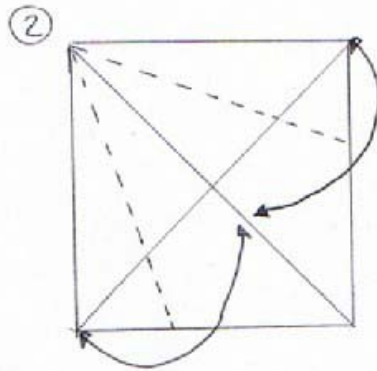
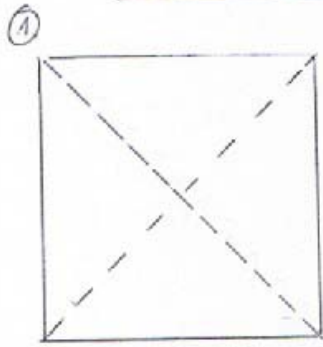
## Gordon Jeske – Ornament



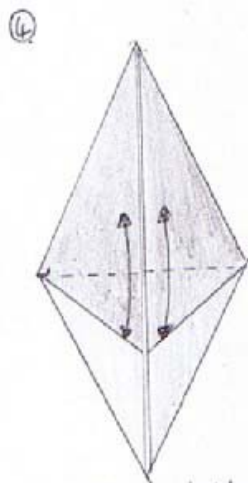
- 1.) Start with a 6 1/2 " foil square, paper backing, or your favorite Xmas paper.
- 2.) White face up, valley fold in half.
- 3.) Unfold, rotate paper 1/4 th turn, valley fold in half again, then unfold.
- 4.) You now have 4 squares !
- 5.) Make a waterbomb base of one square. Here's how ...
- 6.) Keeping white face up, bring one corner up to upper corner of small square, crease and unfold.
- 7.) Rotate 1/4 turn, bring other diagonal point to other upper corner, crease and unfold.
- 8.) Turn paper over, make valley fold in half, of same small square. Unfold.
- 9.) Rotate 1/4 turn, valley fold in half again. Unfold.
- 10.) Repeat steps 6-9 for the other 3 squares. Creasing may be combined over multiple squares, as in blintz base.
- 11.) Collapse one small square into waterbomb base.
- 12.) Make a double sink, as follows.
- 13.) Valley fold top point of waterbomb down to extend beyond edge by 1/3 .
- 14.) Mountain fold back up so that 2/3 of tip extends over new edge.
- 15.) Unfold all, then , foil side up, recrease outer mountain creases of sink .
- 16.) Turn paper over to white side, recrease inner mountain creases, taking care to not exceed the inner lines.
- 17.) Foil side up, collapse sink carefully, it should easily follow creases.
- 18.) Repeat steps 12-17 for other 3 squares.
- 19.) There now ! Not so bad, wasn't it !
- 20.) Gently pull model and stretch it out until you feel resistance.
- 21.) Shape lower leafs to your liking, then bring upper leafs together, poke holes for string hanger.
- 22.) Done !
- 23.) You may prefer to hang sideways, as an alternative. Many modifications are possible !



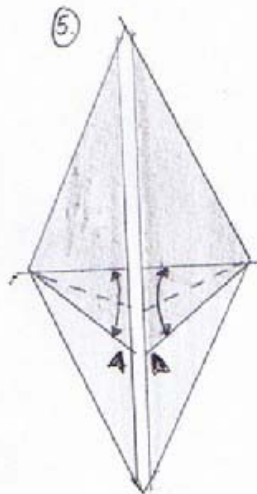
# Briefchen



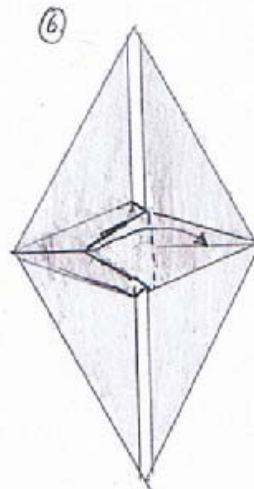
alle 4 Seiten ran legen,  
Hasendrehen entstehen  
(siehe Abbildung 4)



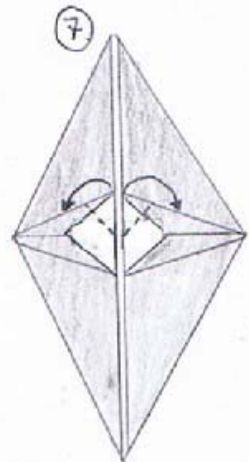
Hasendrehen in beide  
Richtungen falten



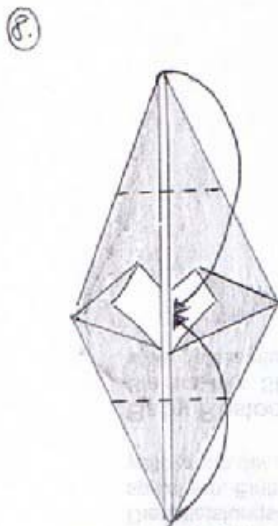
Hasendrehen Winkel  
halbieren und  
flach legen  
(siehe Abbildung 6)



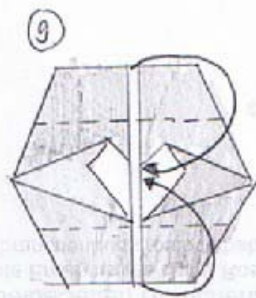
Ecke auf beiden  
Seiten zurück falten



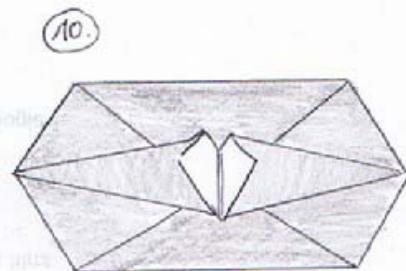
2 Ecken nach  
hinten falten  
Herzform entsteht



Spitzen zur Mitte  
falten.



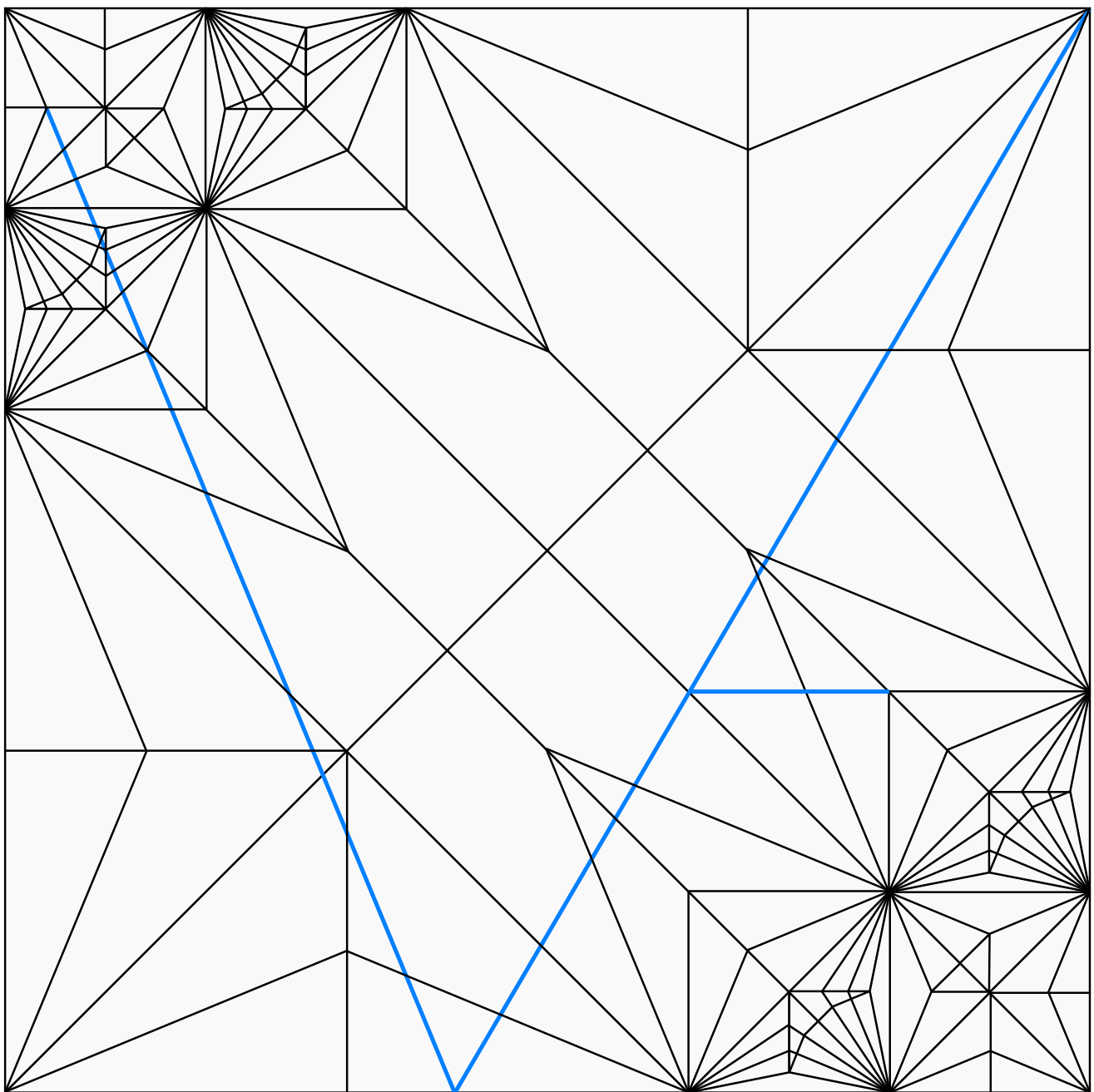
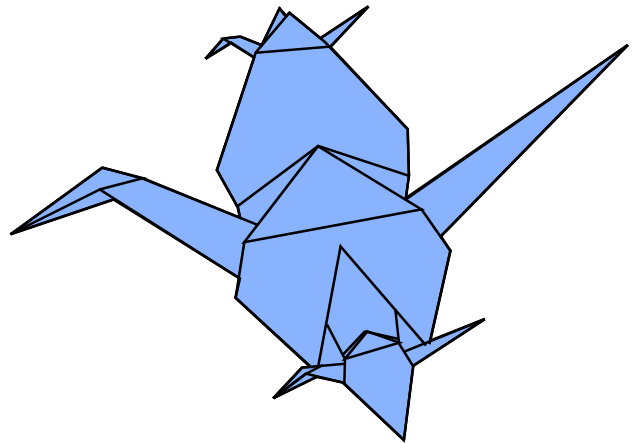
Enden wieder zur  
Mitte falten und  
unters Herz  
legen.



Fertig!

# Crane with Smaller Cranes on its Wings

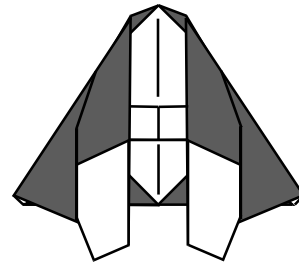
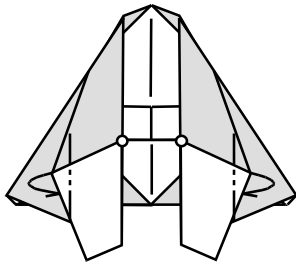
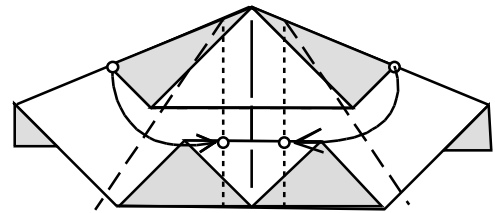
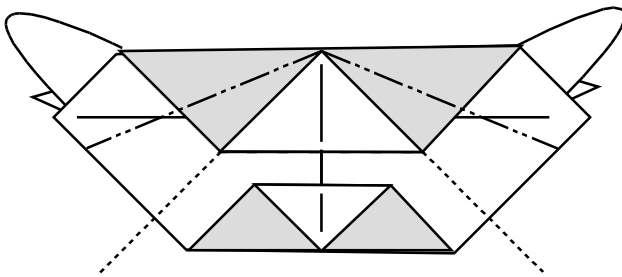
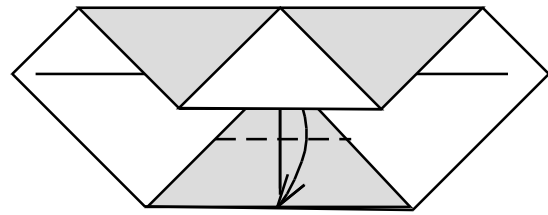
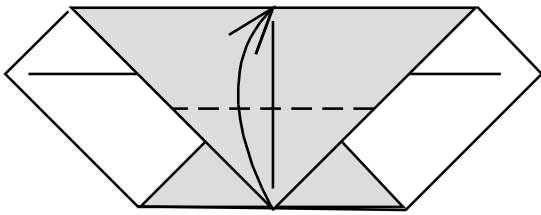
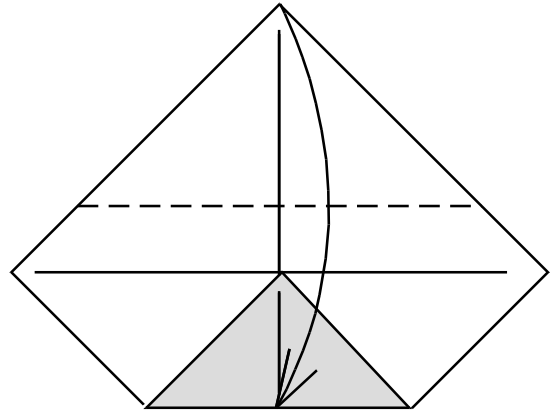
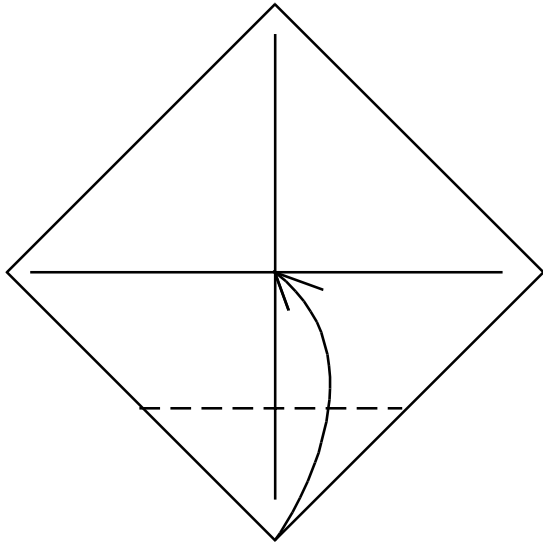
©2007 by Jared Needle



The blue lines show the reference creases. They are not part of the actual crease pattern.

# Pureland Rocket

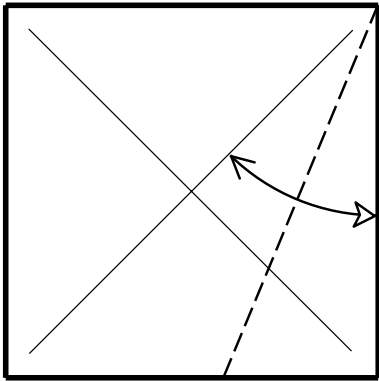
©2005 by Jared Needle



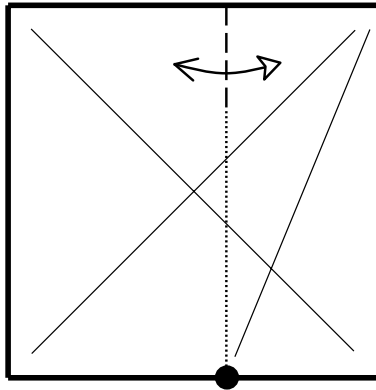
# Camel

Jim Adams

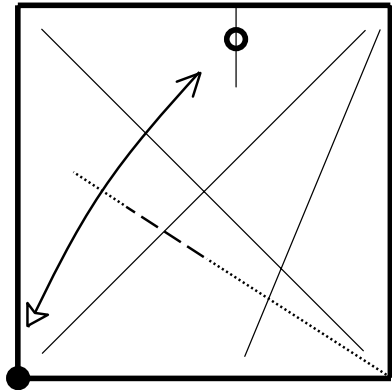
Copyright © 2007



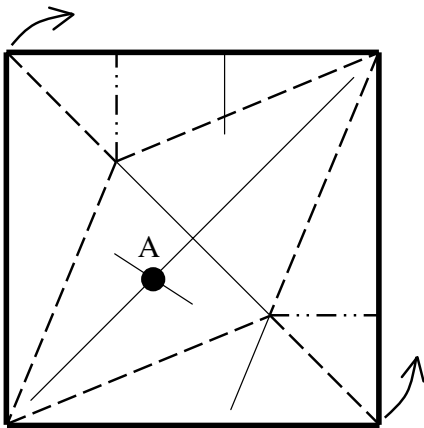
1. Begin with the white side up.



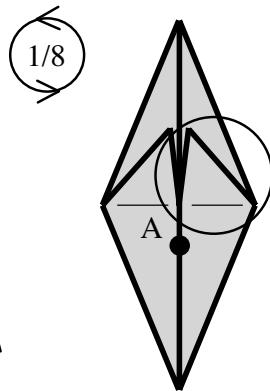
2. Pinch.



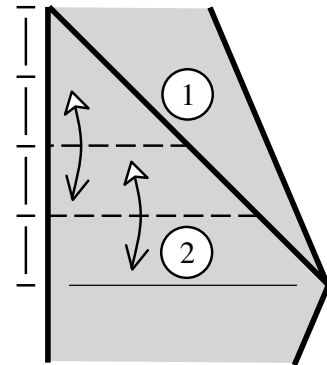
3. Pinch.



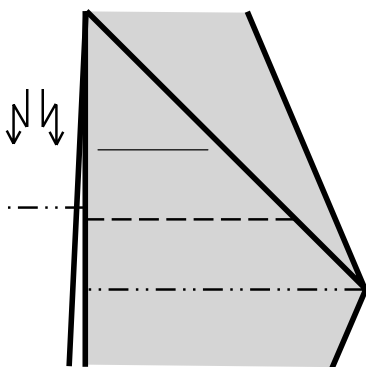
4. Fold a Fish Base.



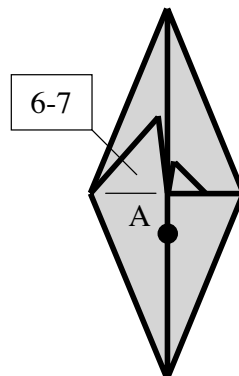
5. Zoom in.



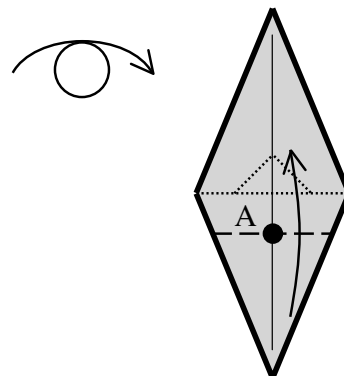
6.



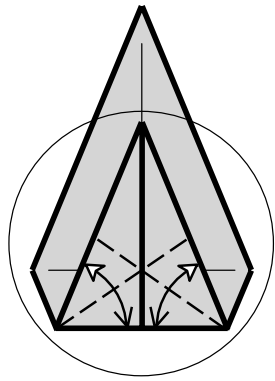
7. Crimp-fold.



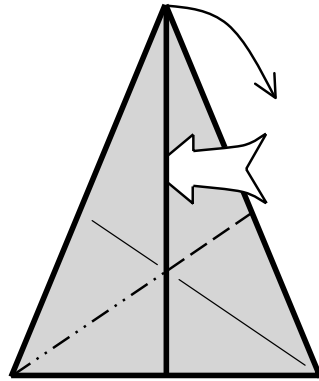
8. Repeat steps 6-7. Turn over.



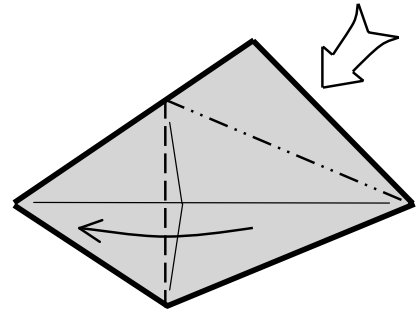
9.



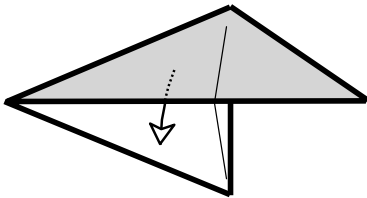
10. Zoom in on front flap.



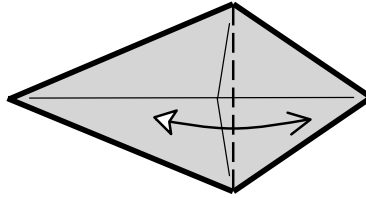
11. Squash-fold.



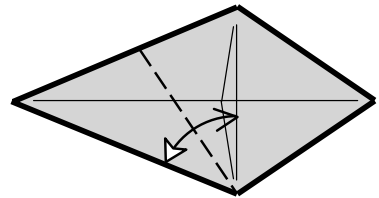
12. This is like a swivel-fold.



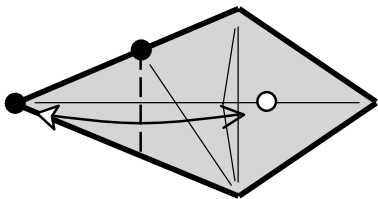
13. Pull some paper out.



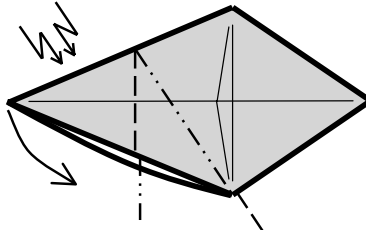
14.



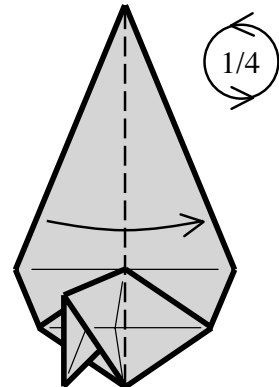
15.



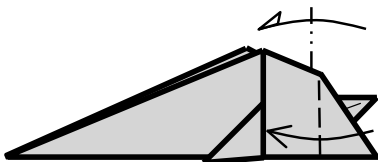
16.



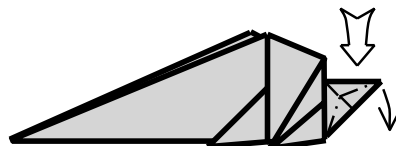
17. Crimp-fold.



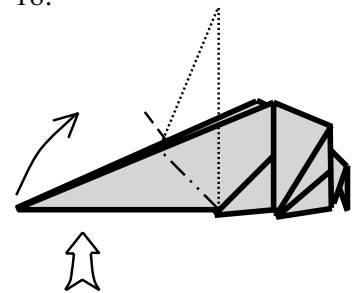
18.



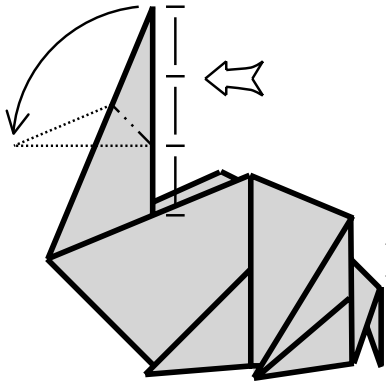
19.



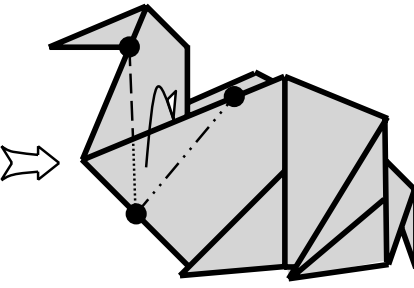
20. Double-rabbit-ear.



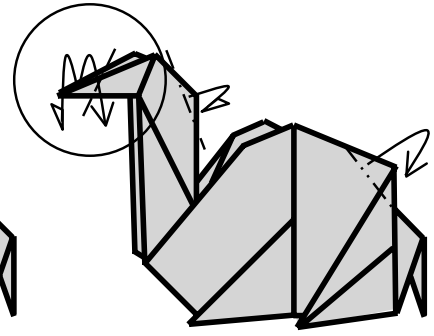
21. Inside-reverse-fold.



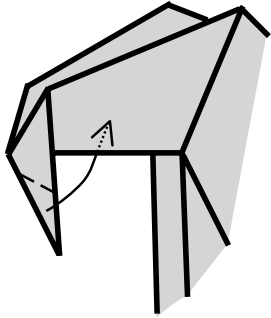
22. Inside-reverse-fold.



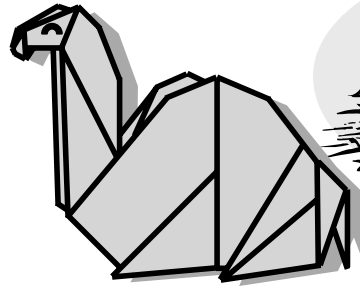
23. Swivel-fold. Repeat behind.



24. Outside-reverse-fold.  
Zoom in.



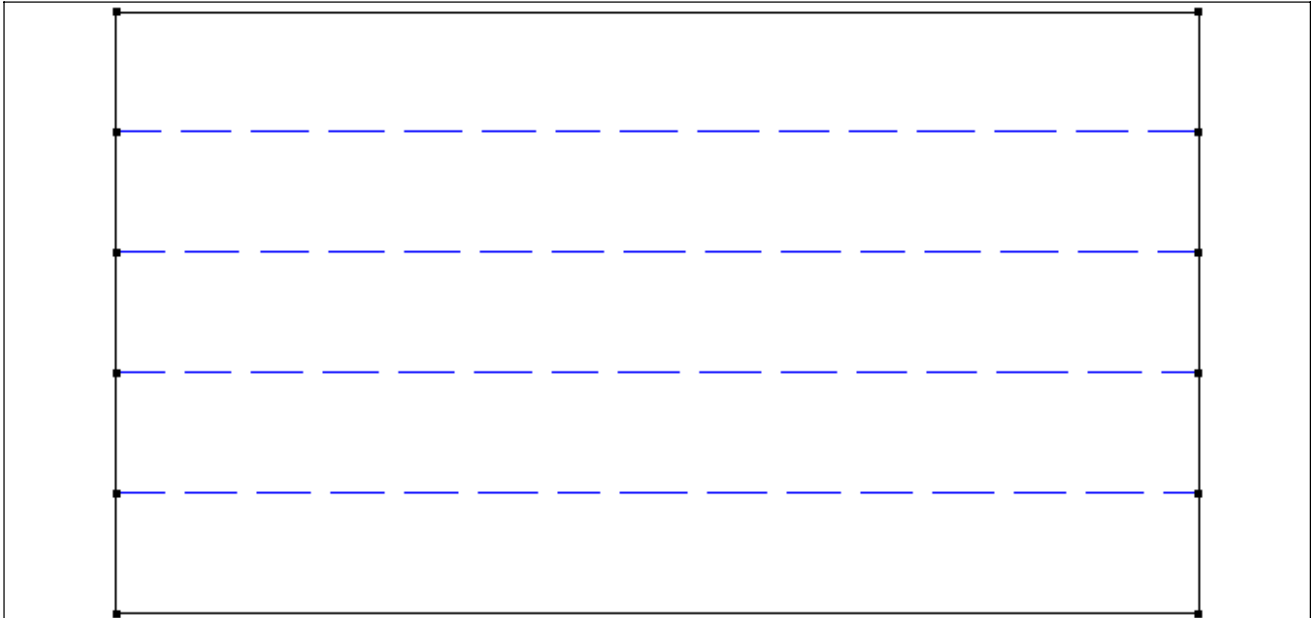
25. Fold flap into either pocket.



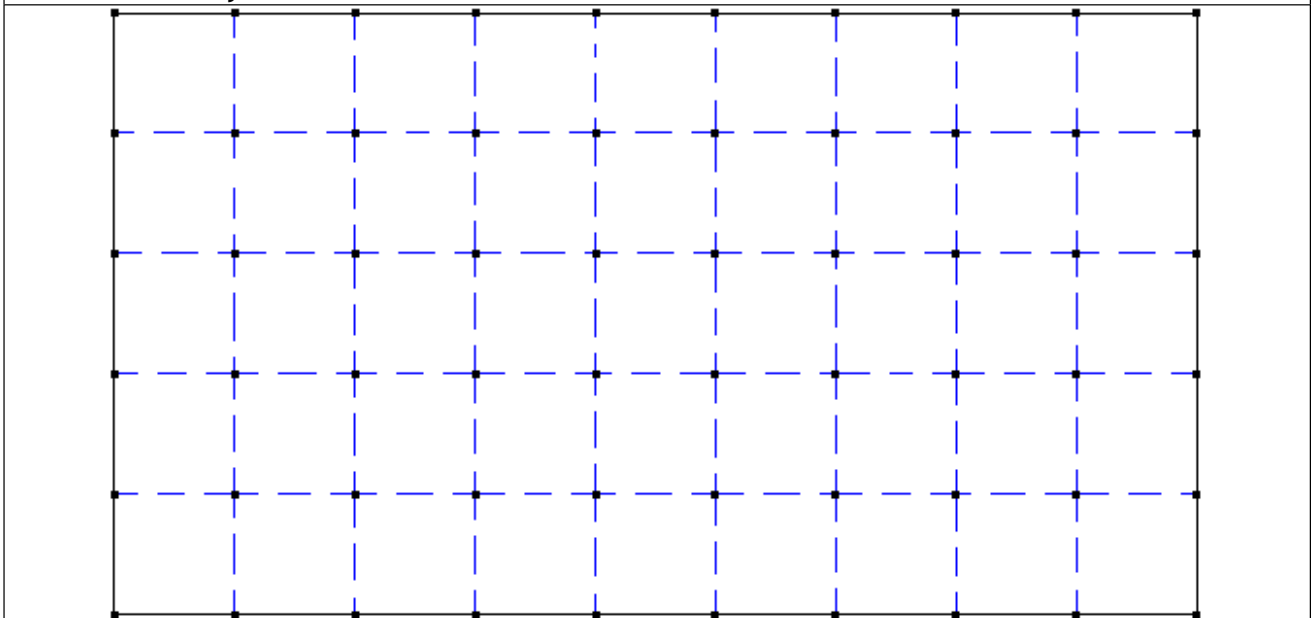
26.

## TWISTED CUBES STRING

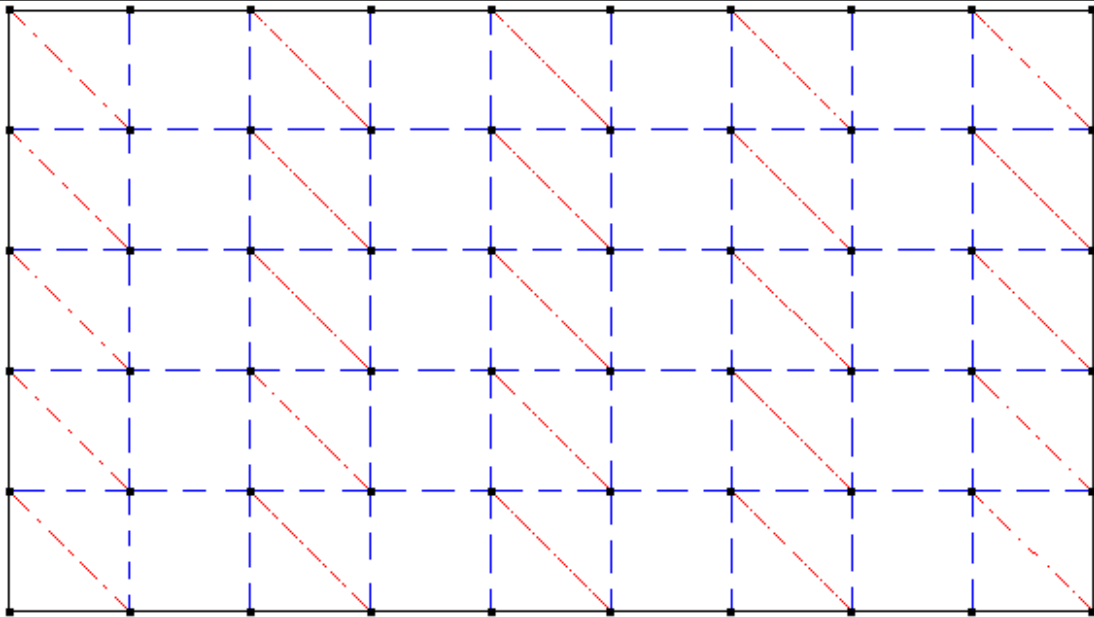
Model independently discovered and diagrams by Jorge E Jaramillo ©2007



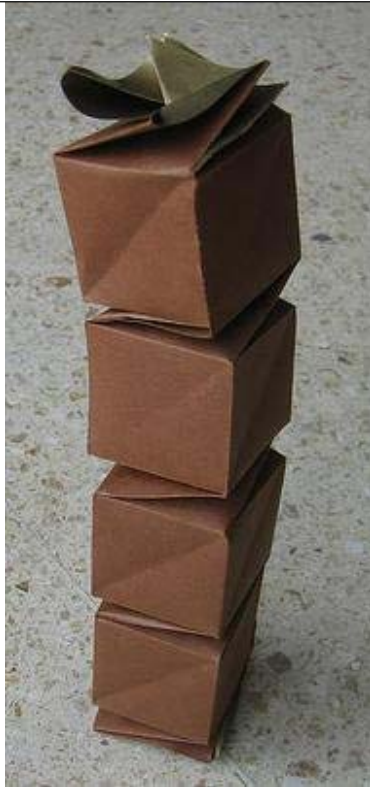
1. Start with a paper of proportions 9 x 5 white side up. Divide in fifths vertically using valley folds. Unfold after every crease.



2. Divide in ninths horizontally using valley folds. Unfold after every crease.



3. Make diagonals using mountain folds only at the squares that are indicated. Unfold after every crease.  
4. Collapse one cube at a time making sure to rearrange layers as necessary.

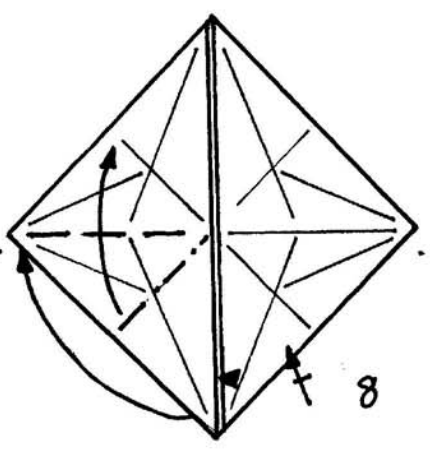
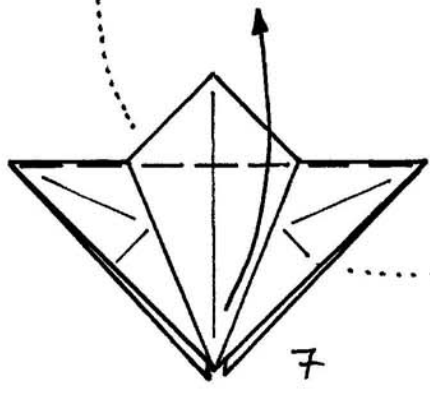
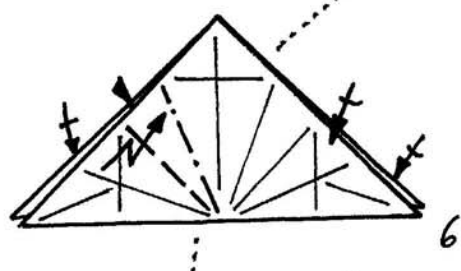
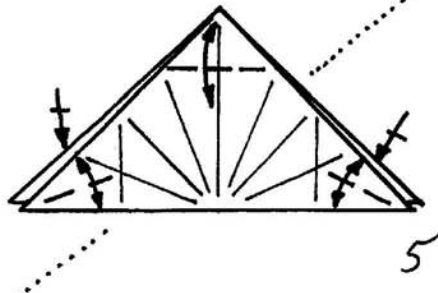
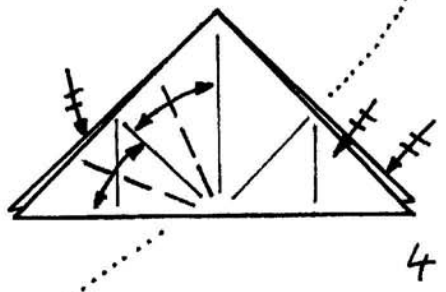
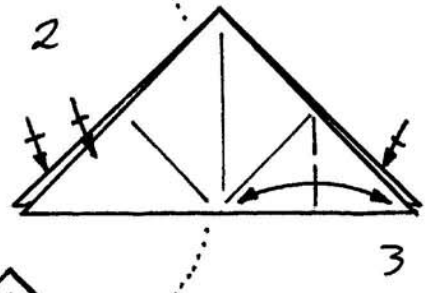
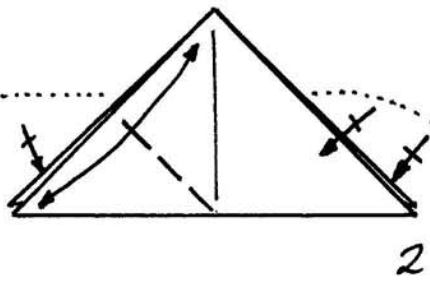
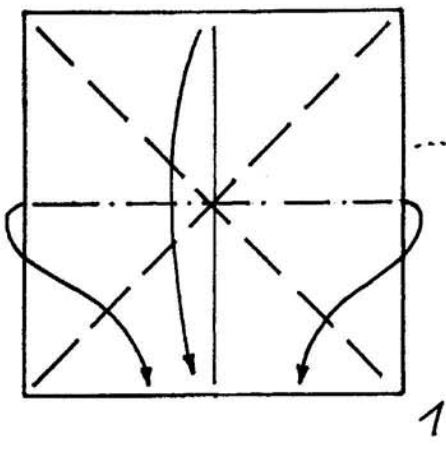


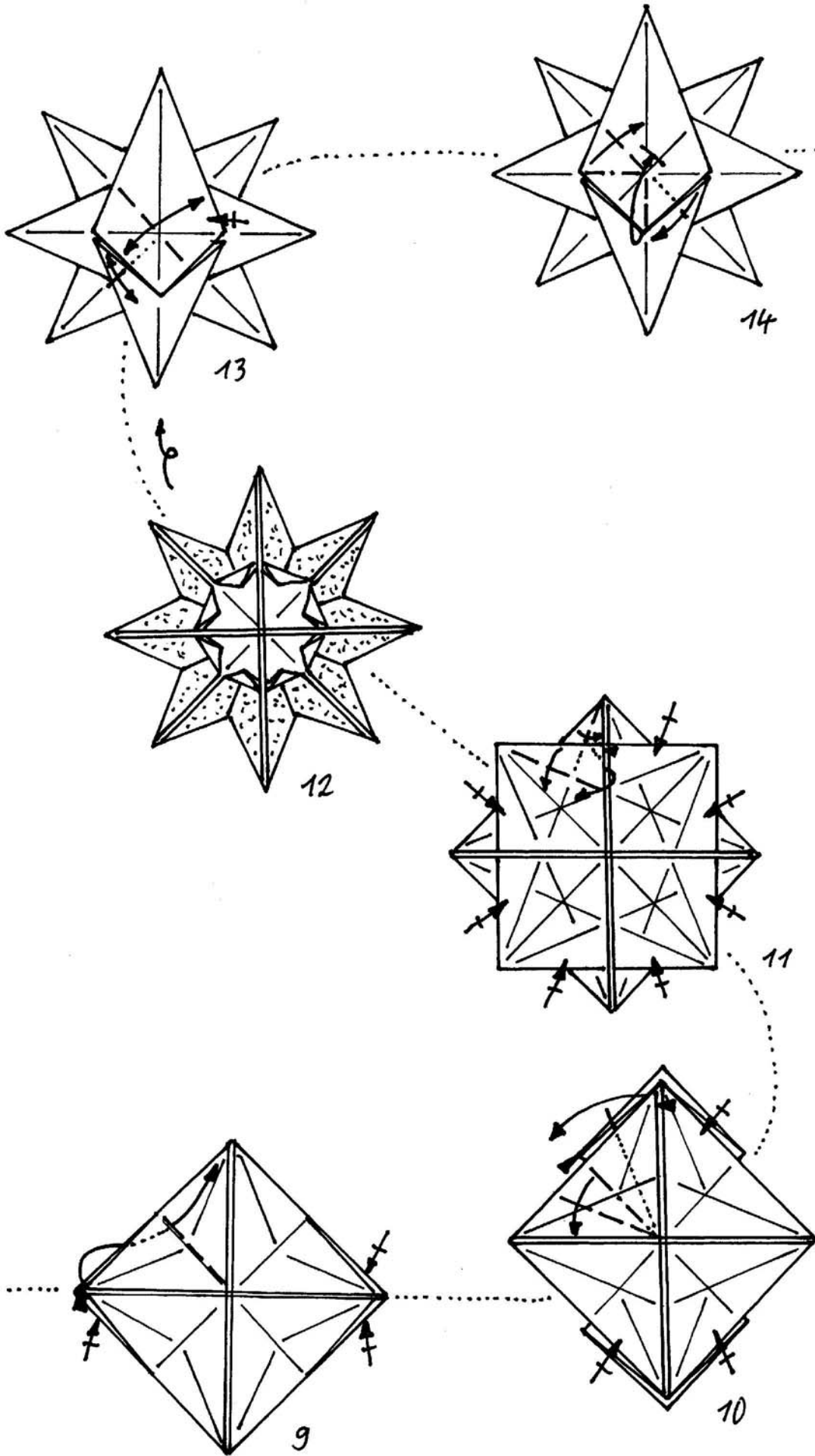
Finished model

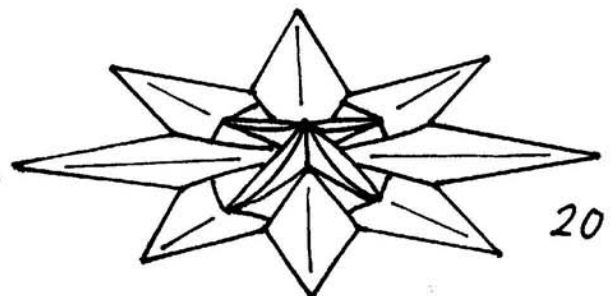
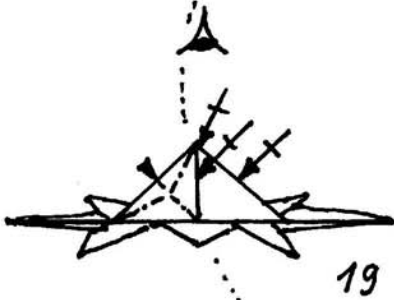
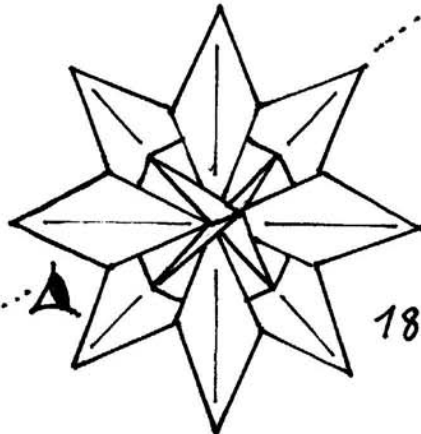
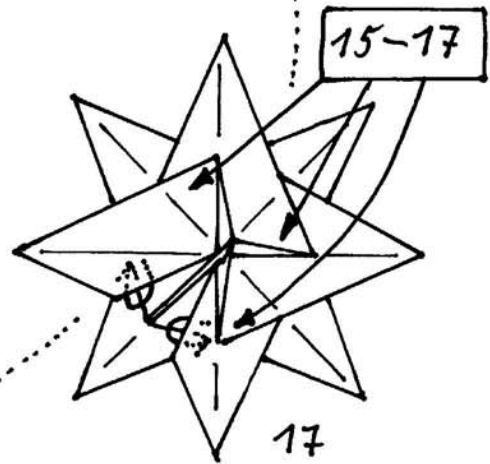
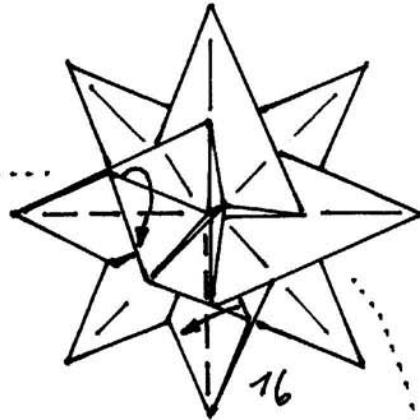
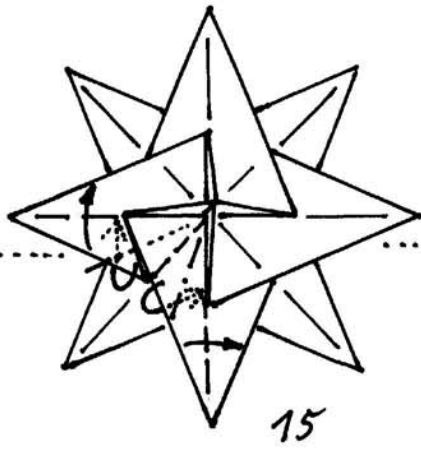
If you want more cubes, all you need is a wider rectangle.



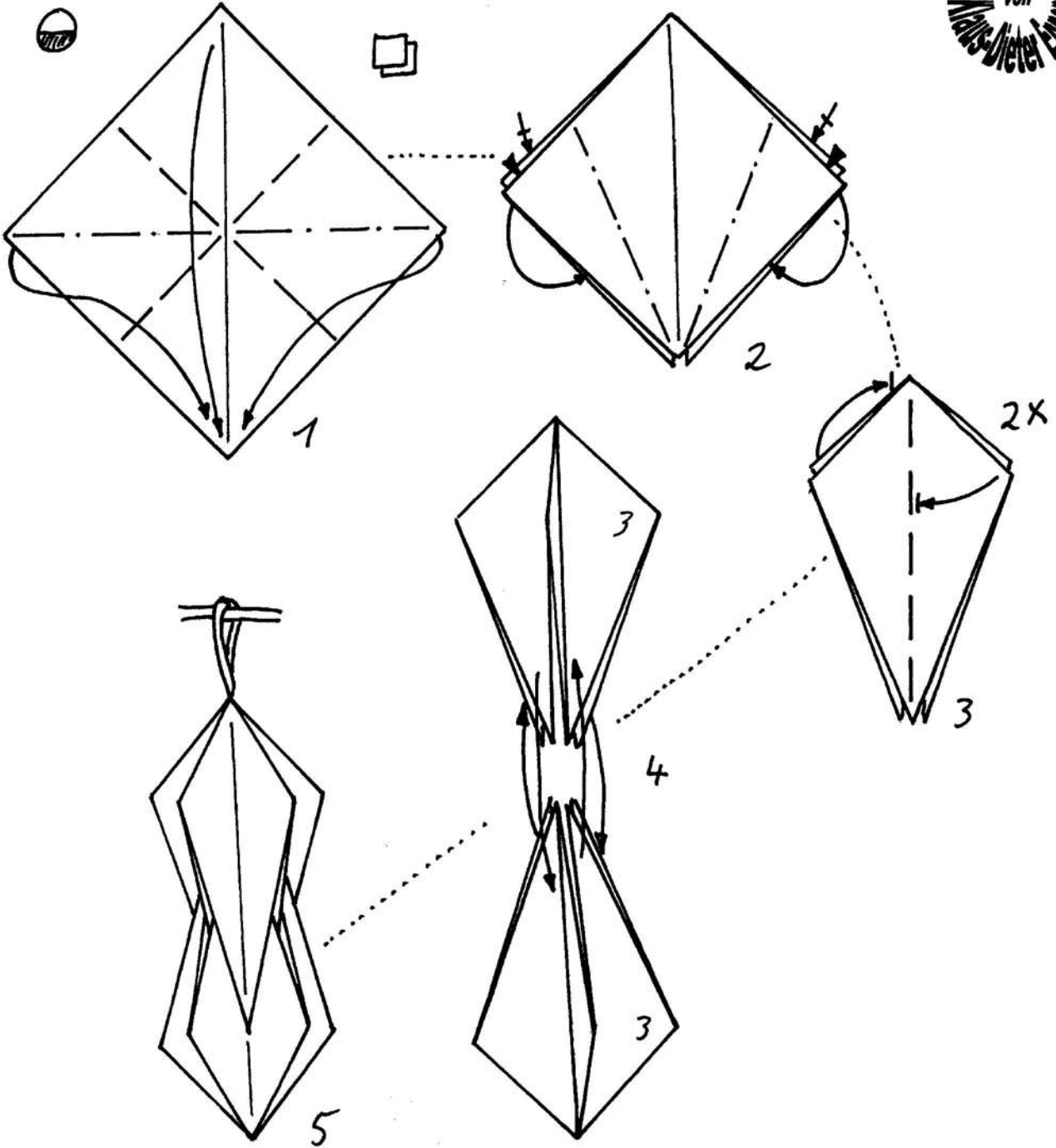
Amöne-Stern: von Klaus-Dietter-Ennen





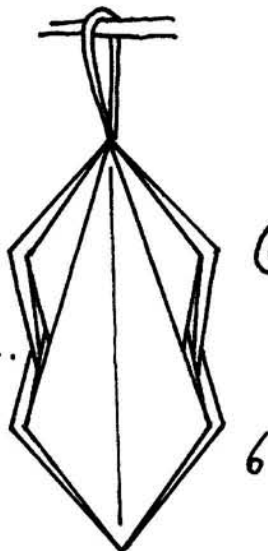
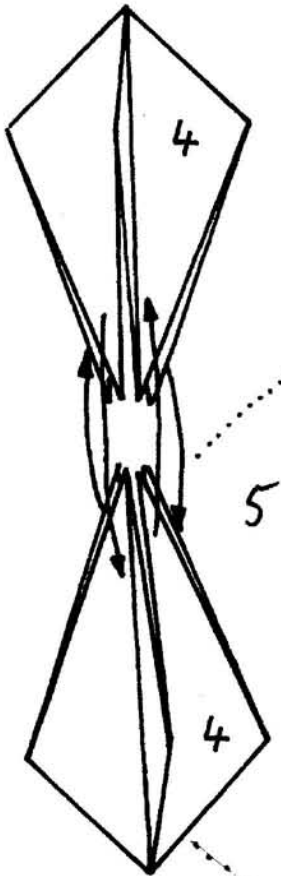
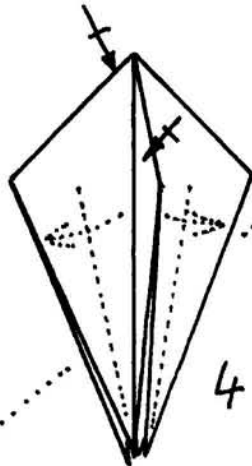
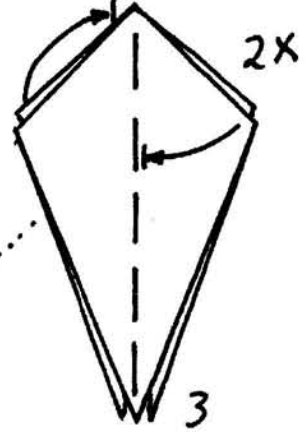
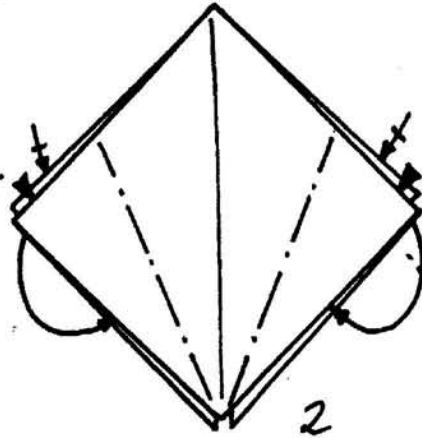
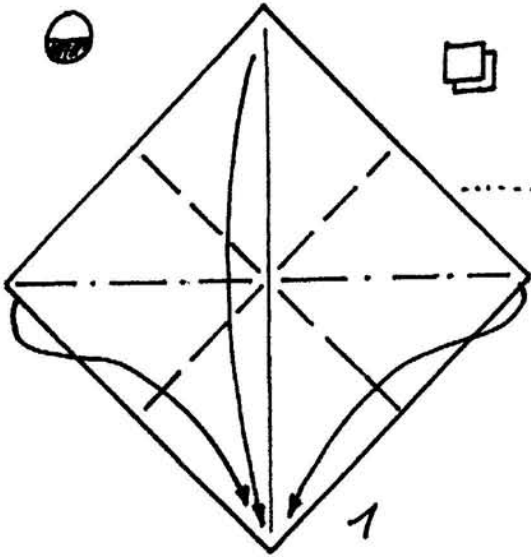


Deko-Schmuck 1: von Klaus-Dieter Ennen



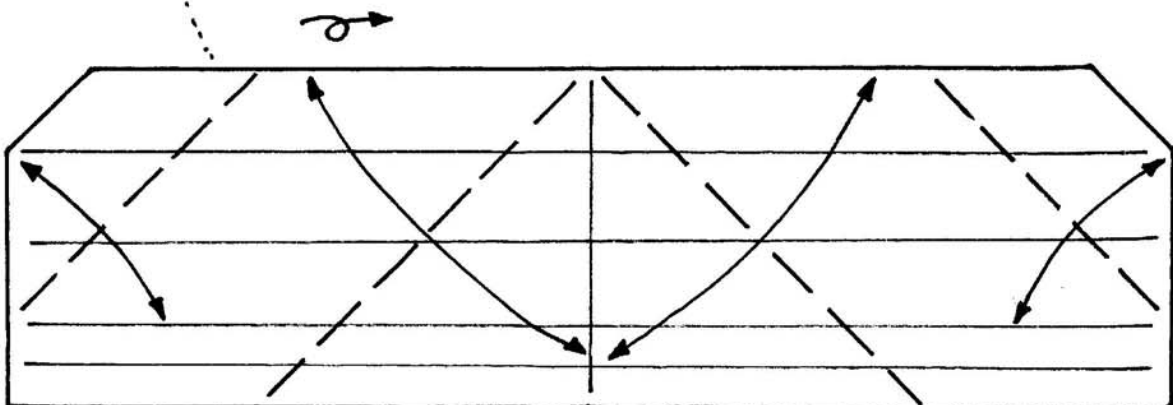
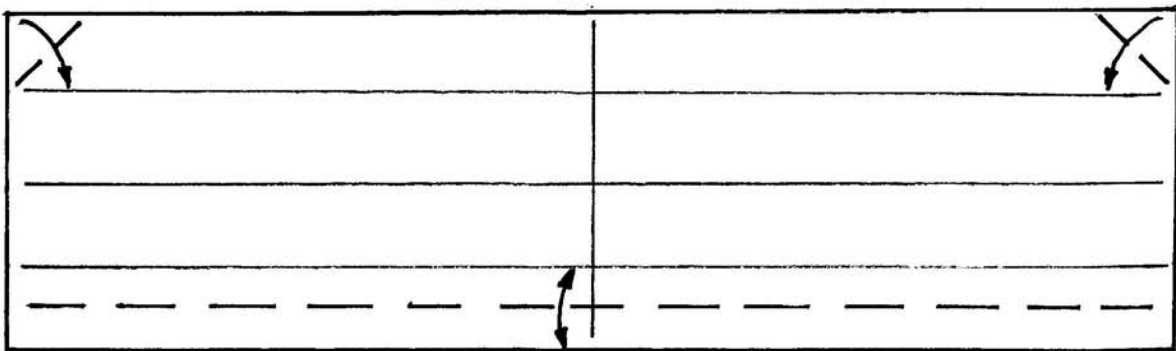
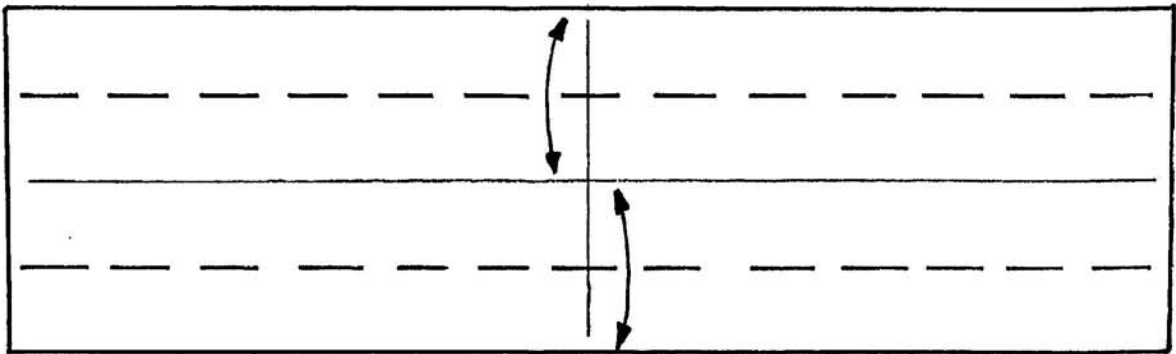
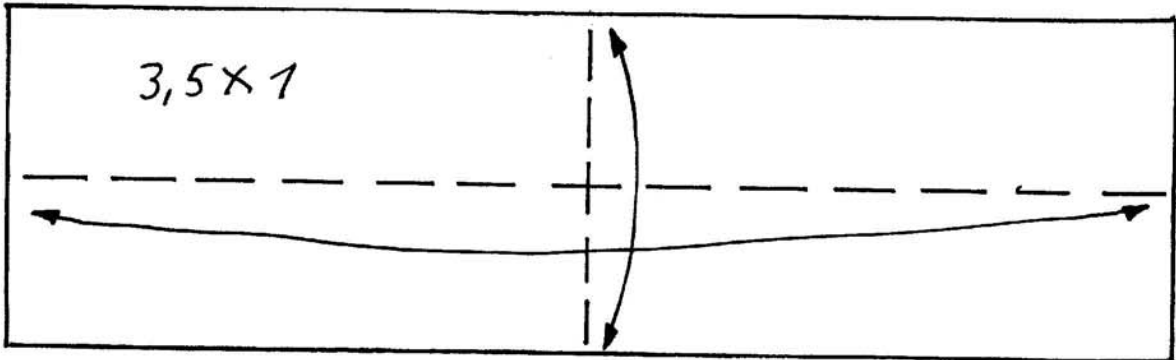
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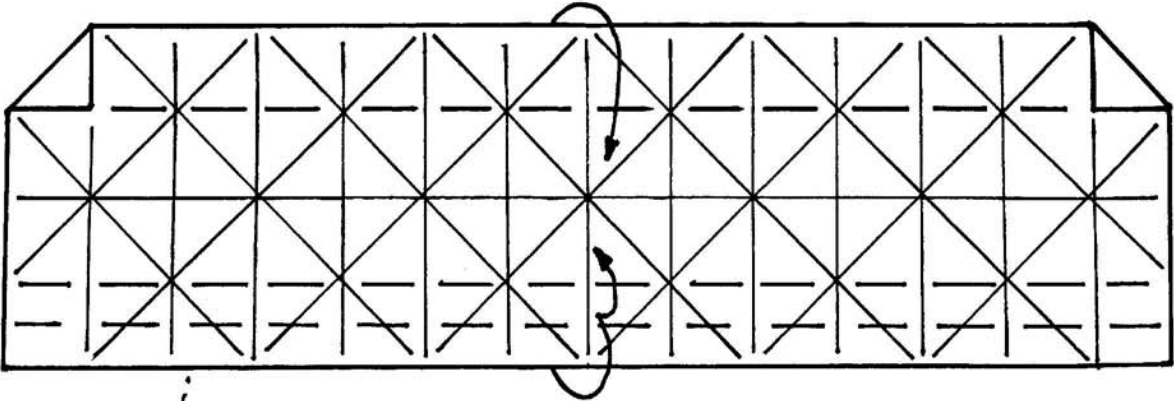
Deko-Schmuck 2: von Klaus-Dieter Ennen



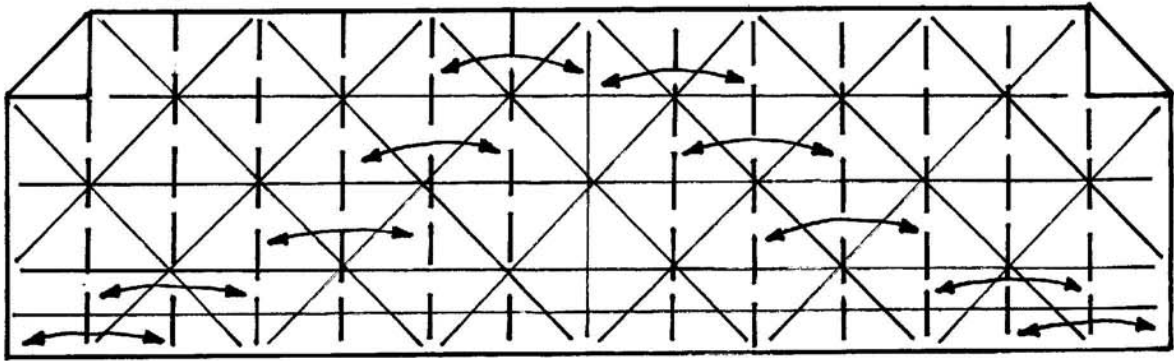
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Drehmoment 2: von Klaus-Dieter Ennen



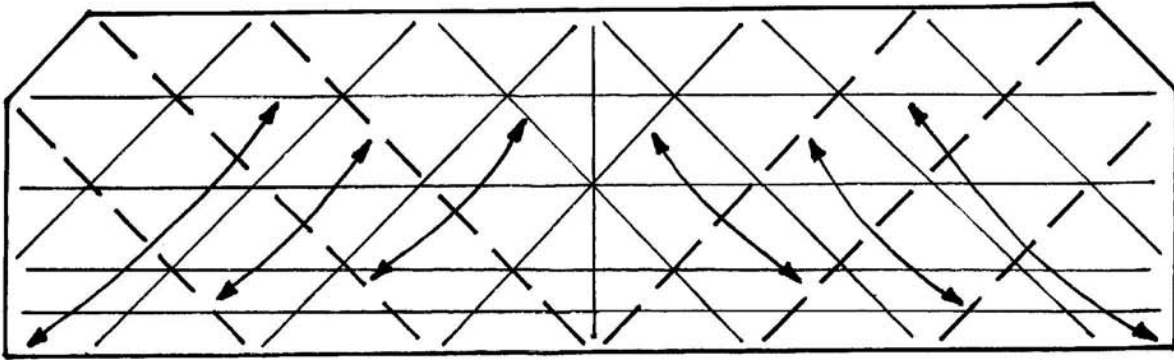


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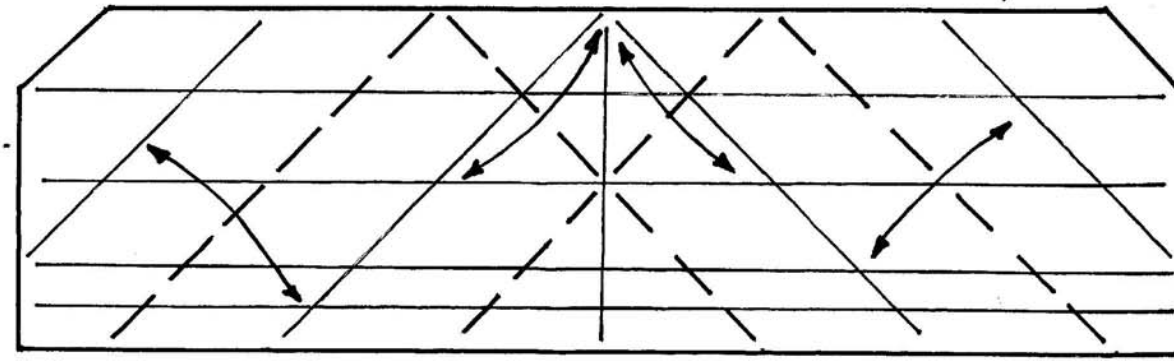


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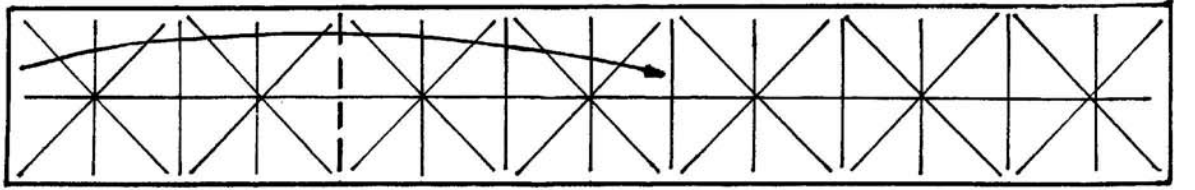
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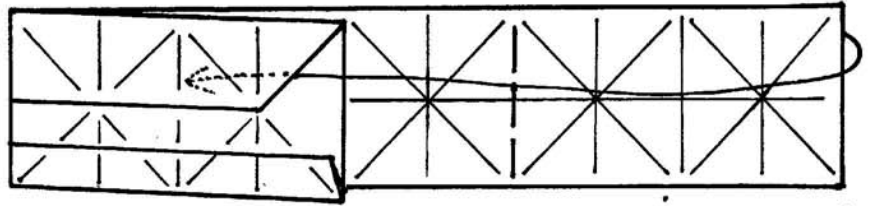
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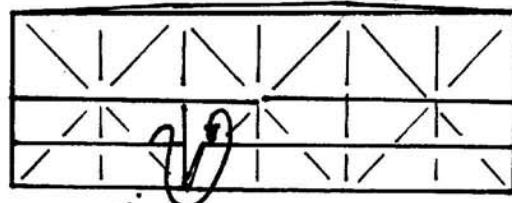
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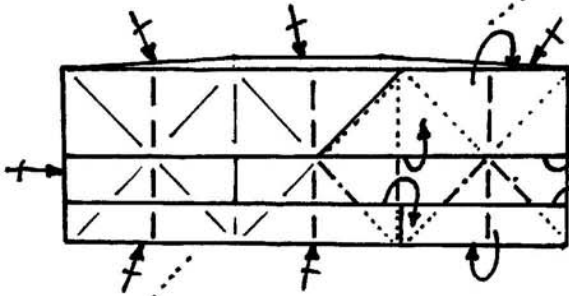
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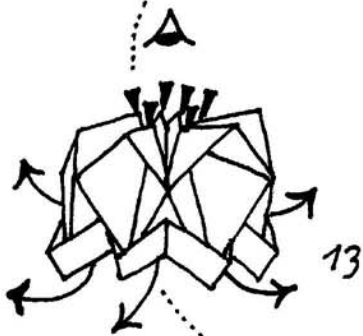
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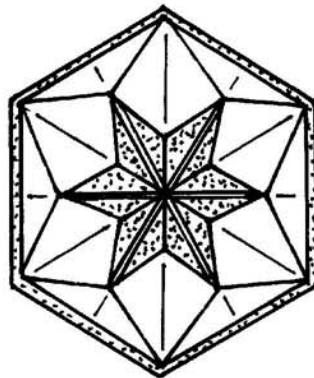
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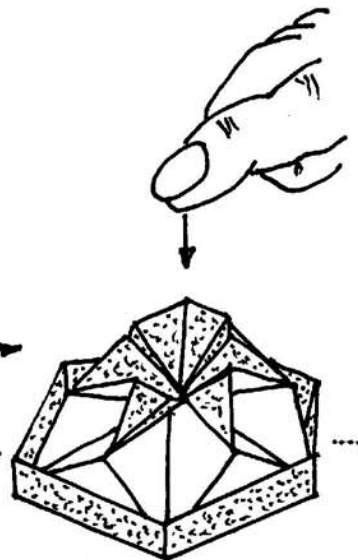
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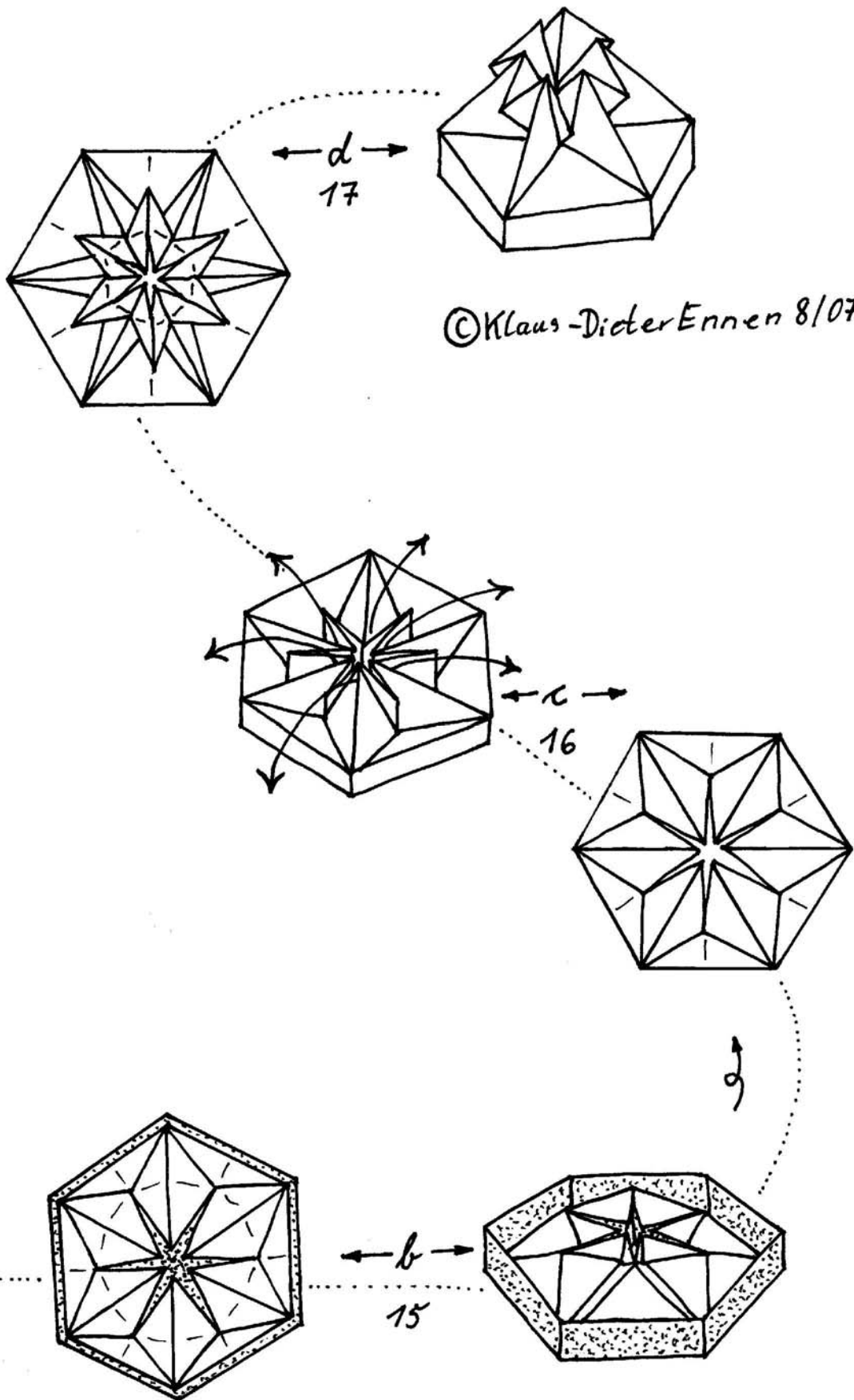
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a  
14



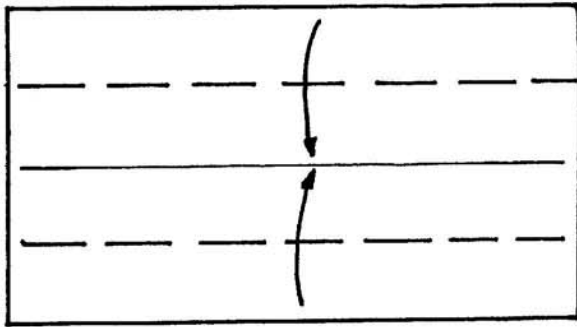




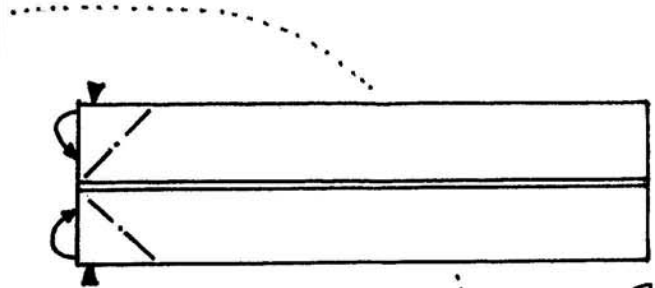
Euro-Maus 2: von Klaus-Dieter Emmen



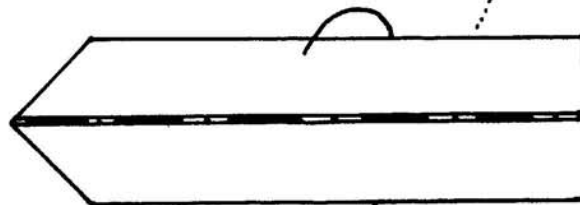
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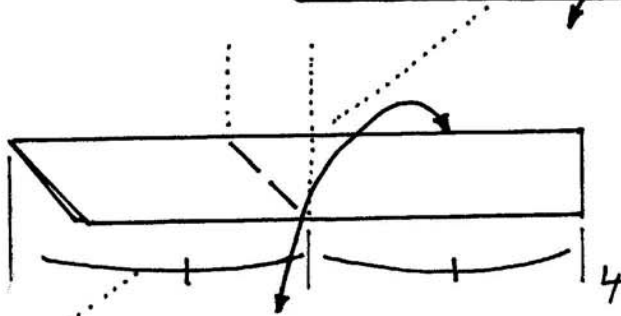
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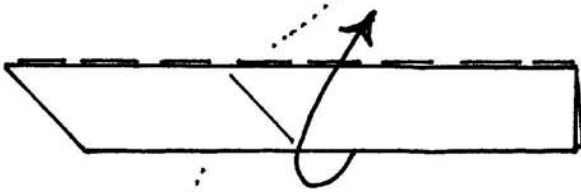
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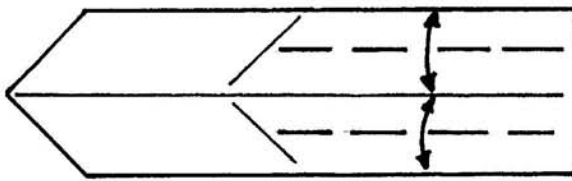
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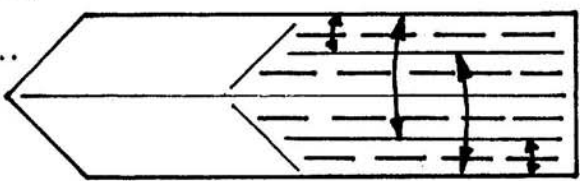
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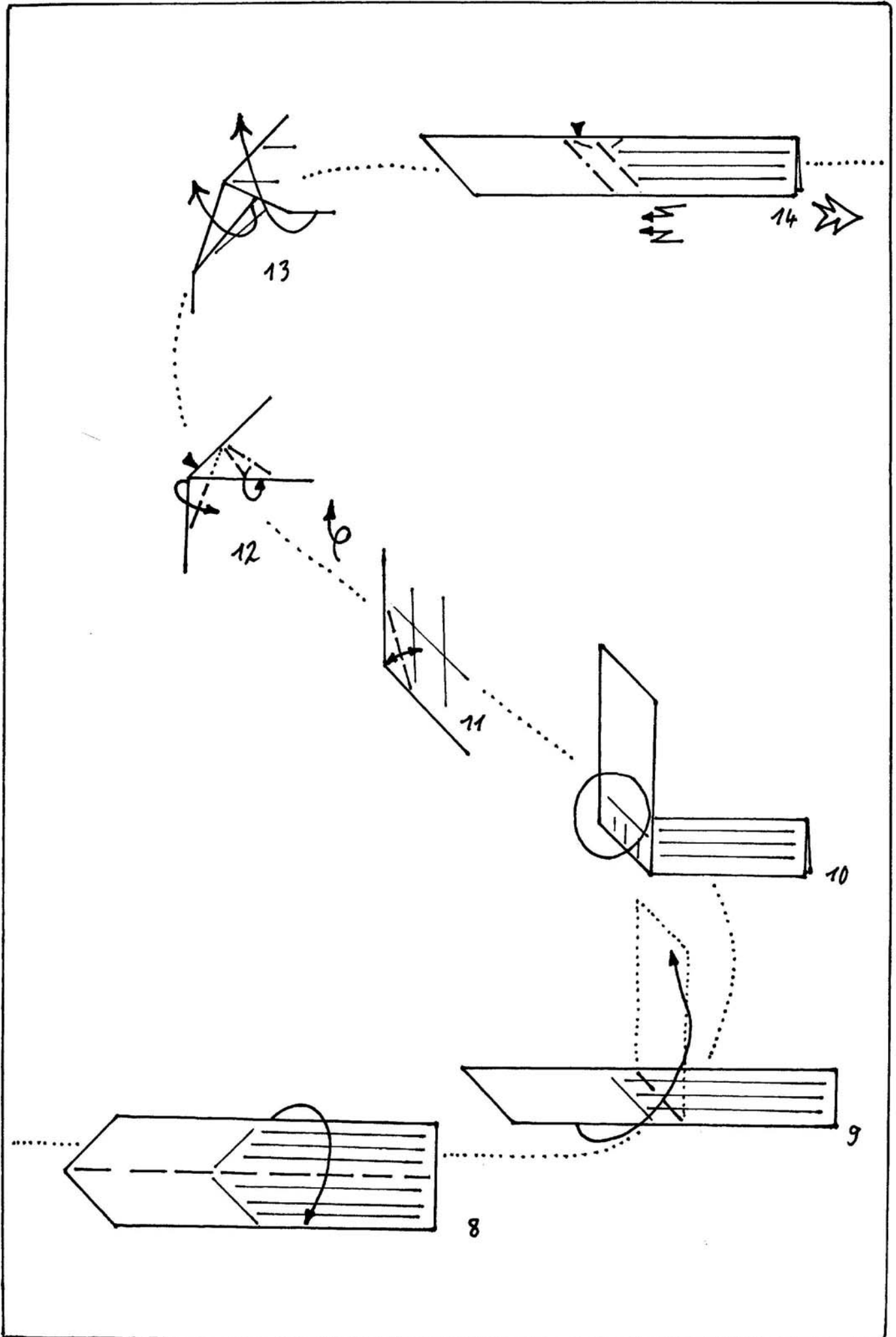
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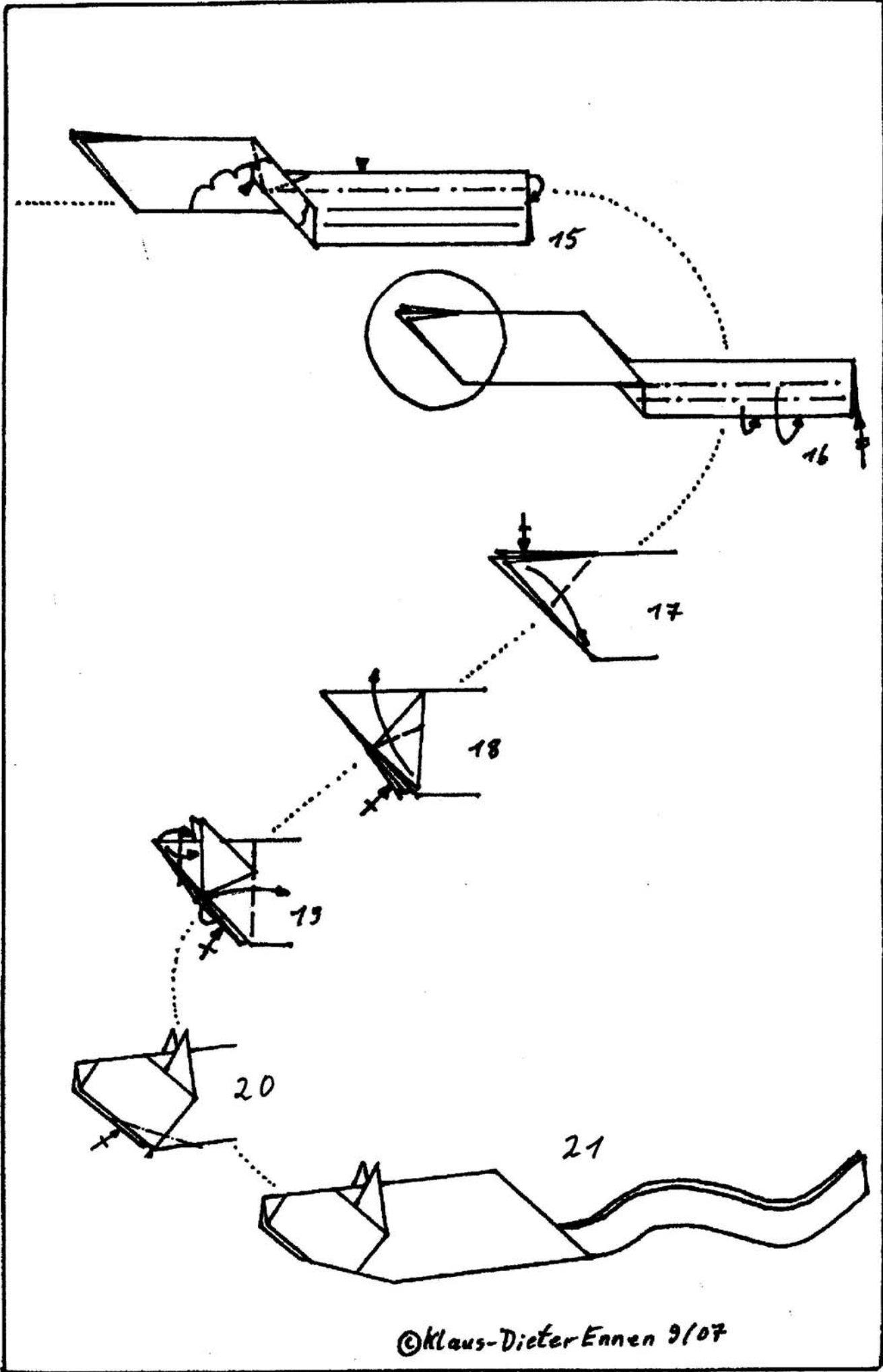


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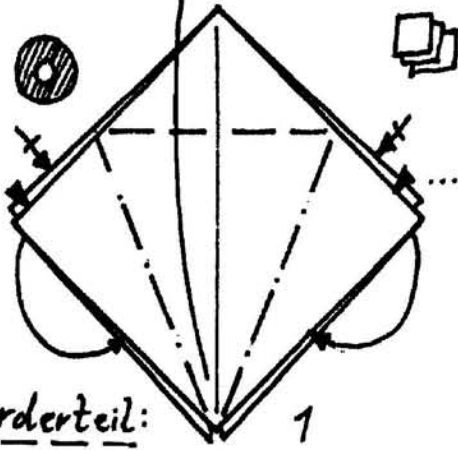




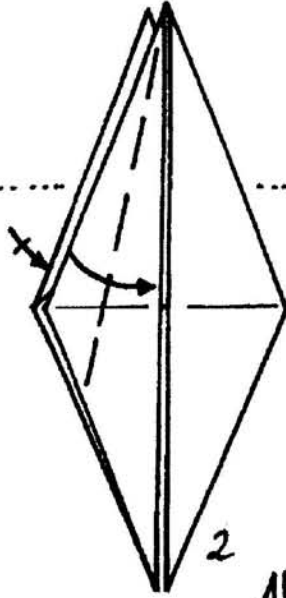
Pegasus 4: von Klaus-Dieter Ennen



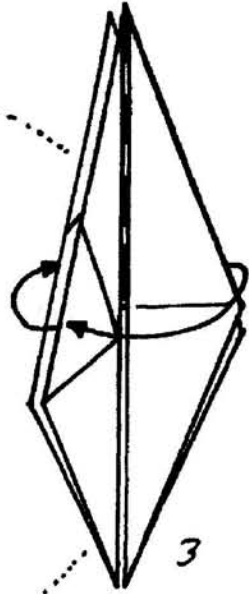
Vorderteil:



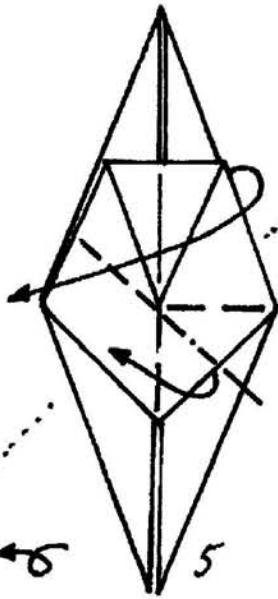
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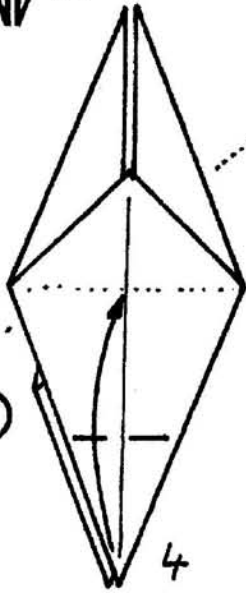
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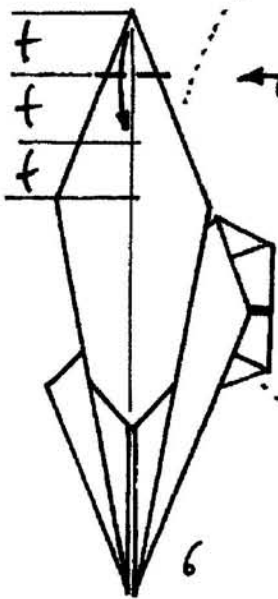
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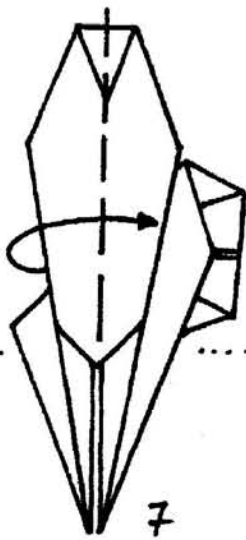
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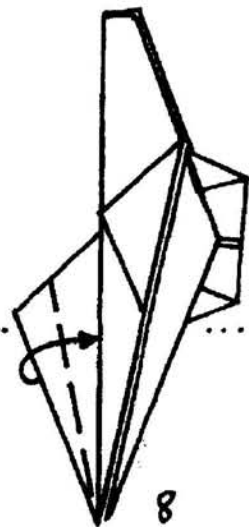
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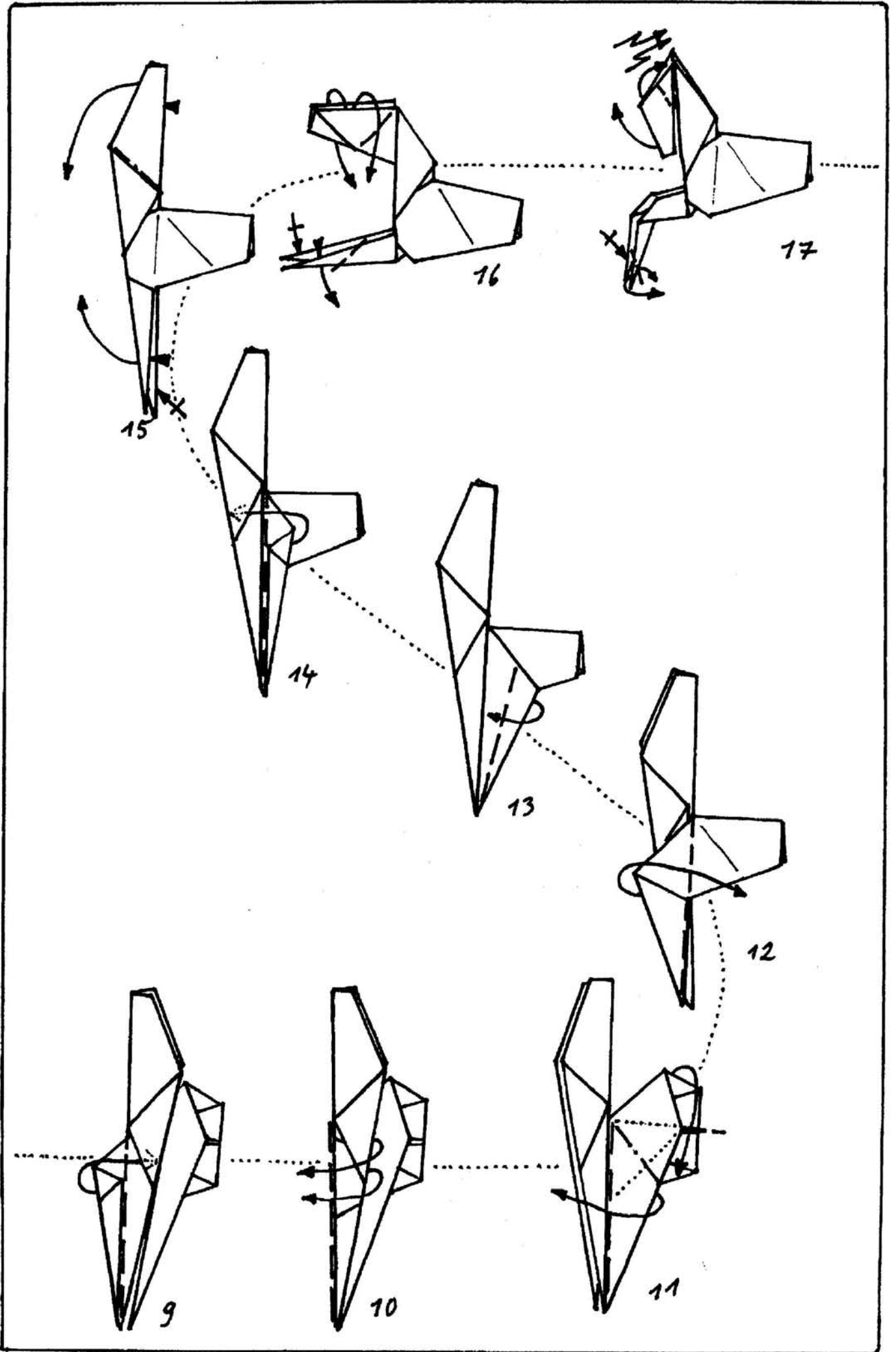
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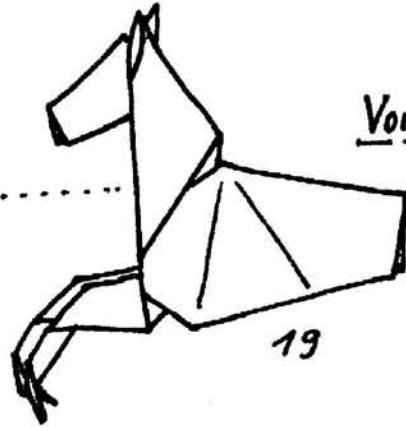
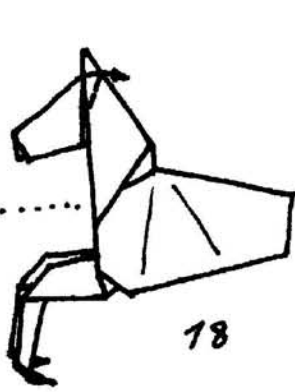


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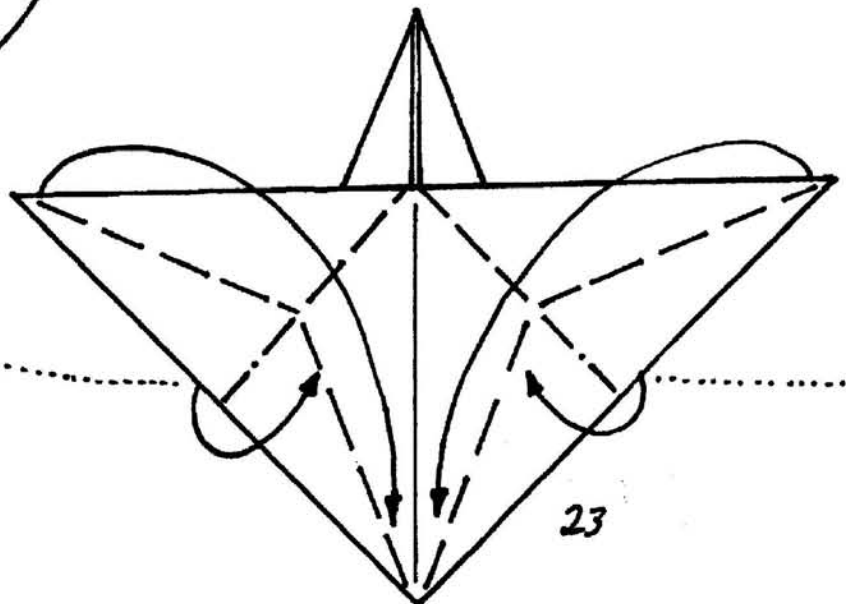
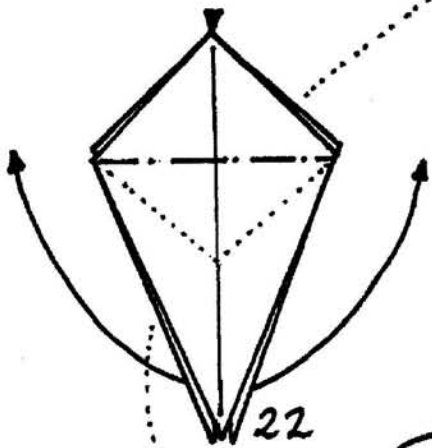
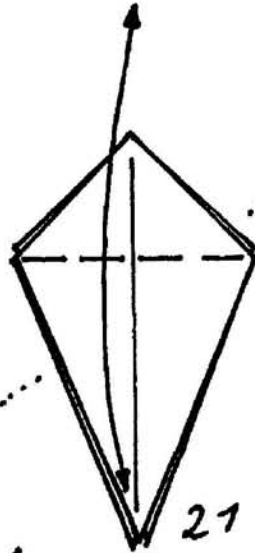
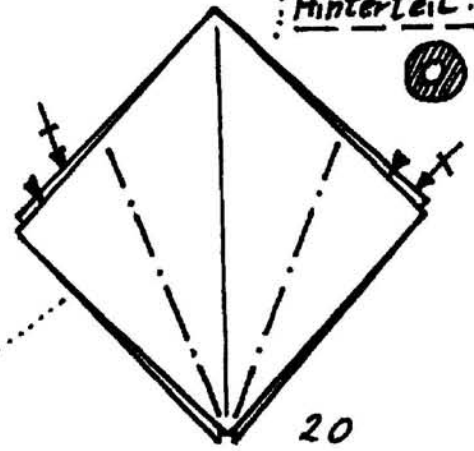
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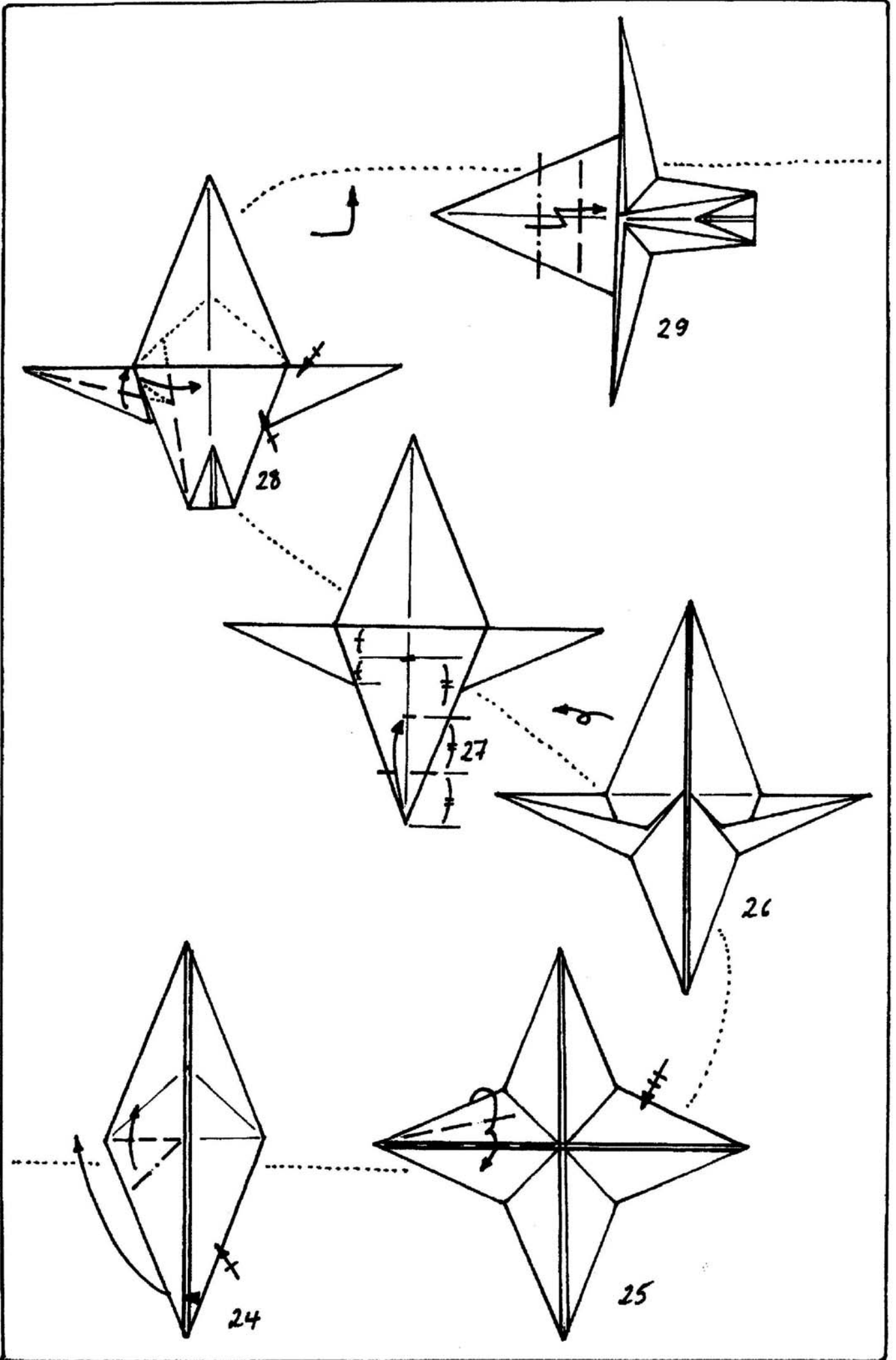




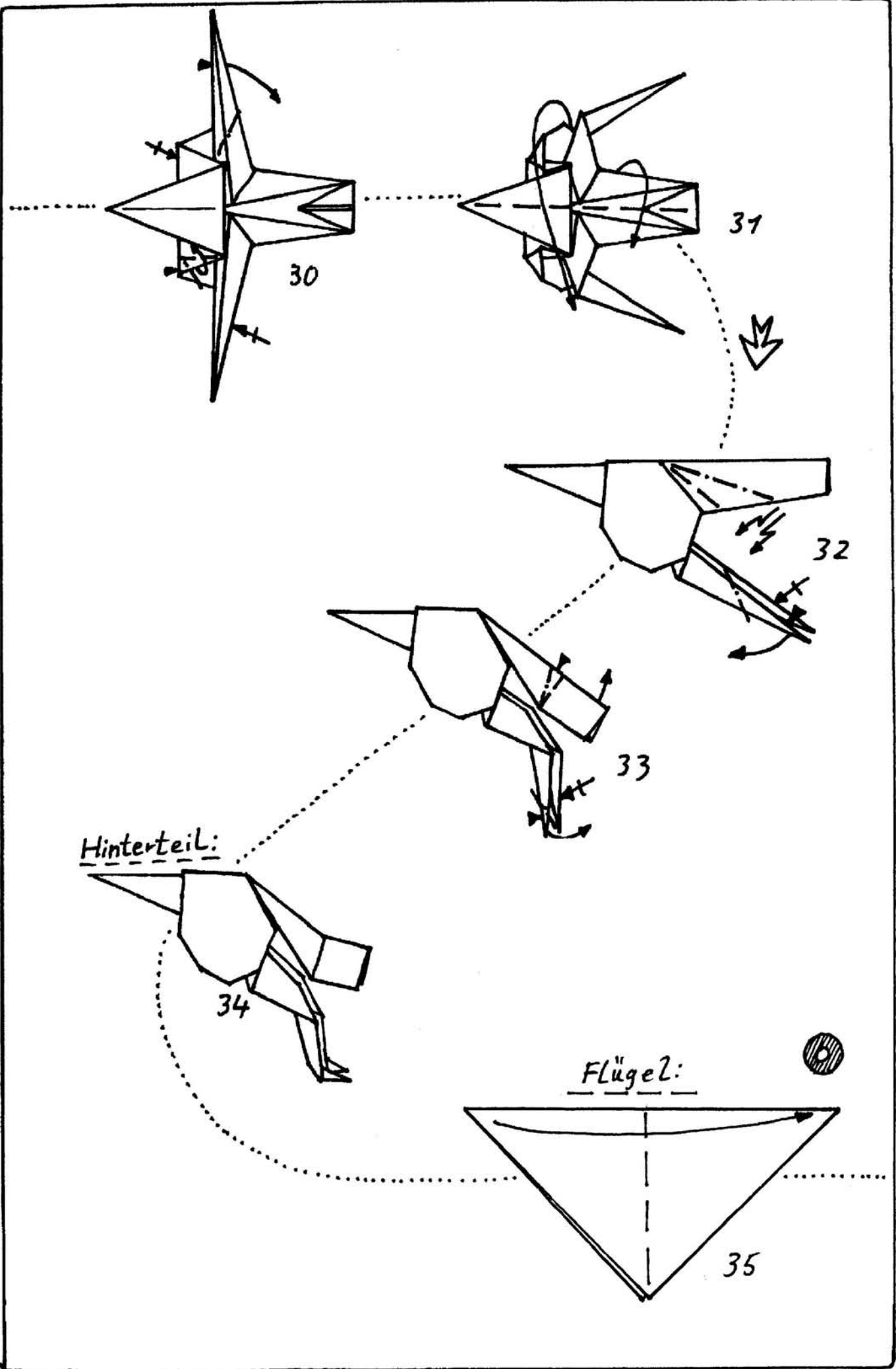
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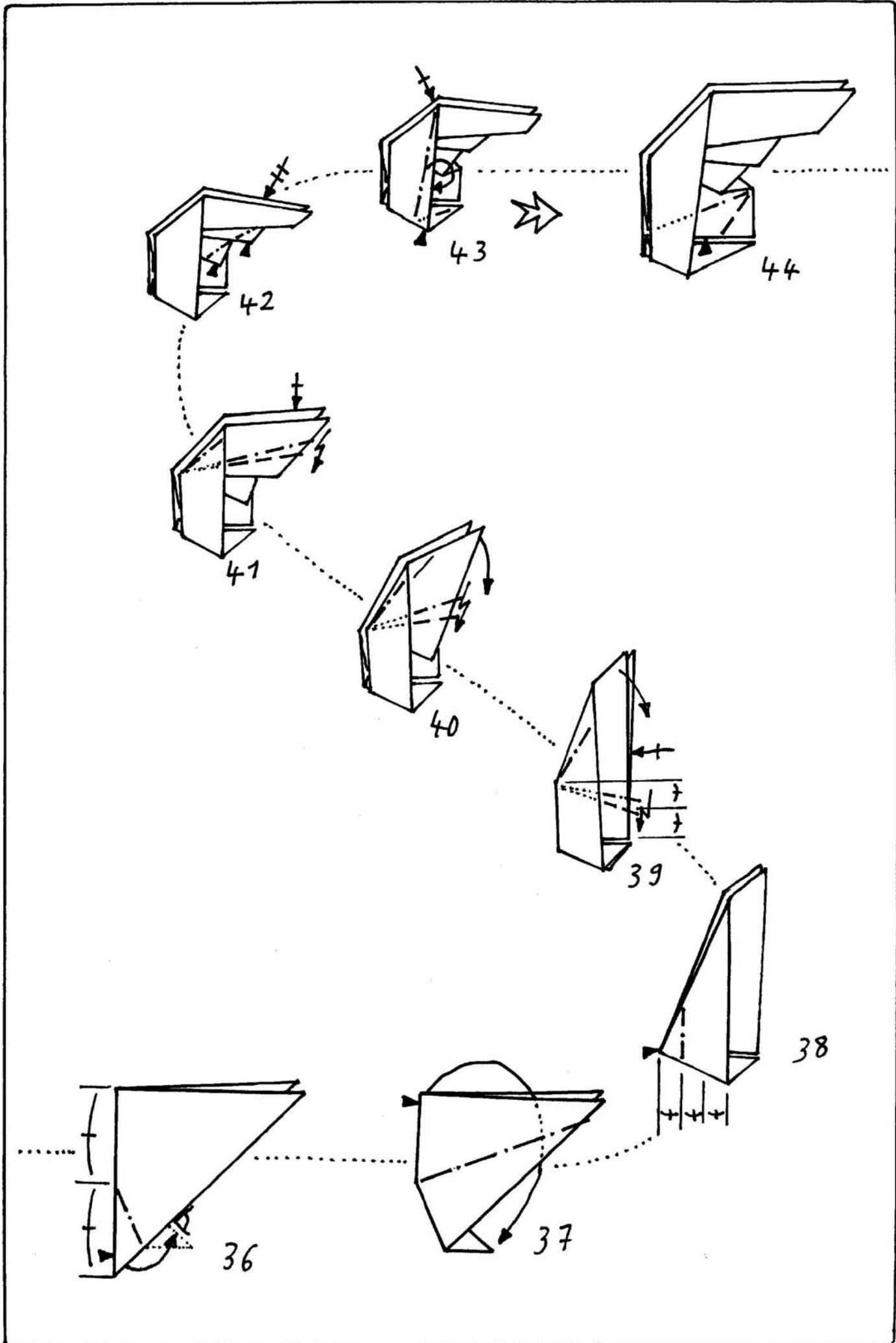
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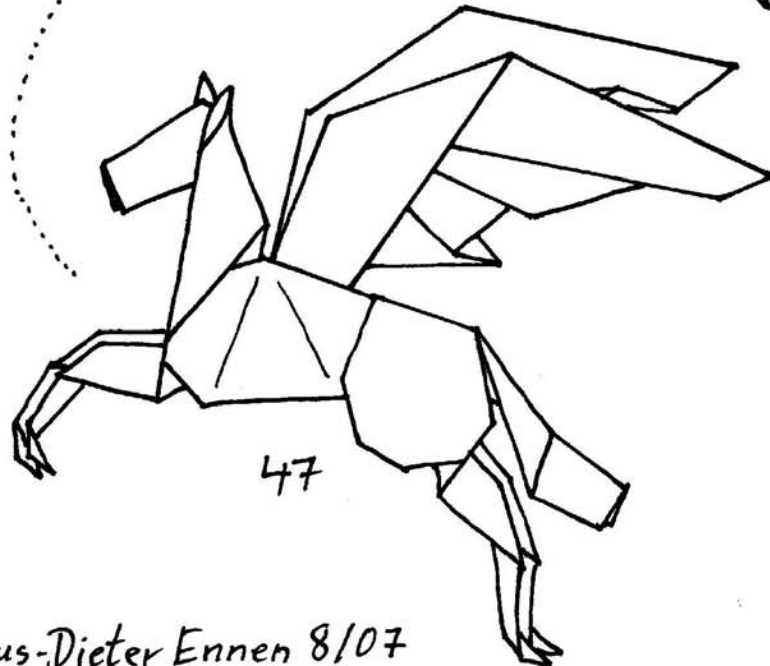
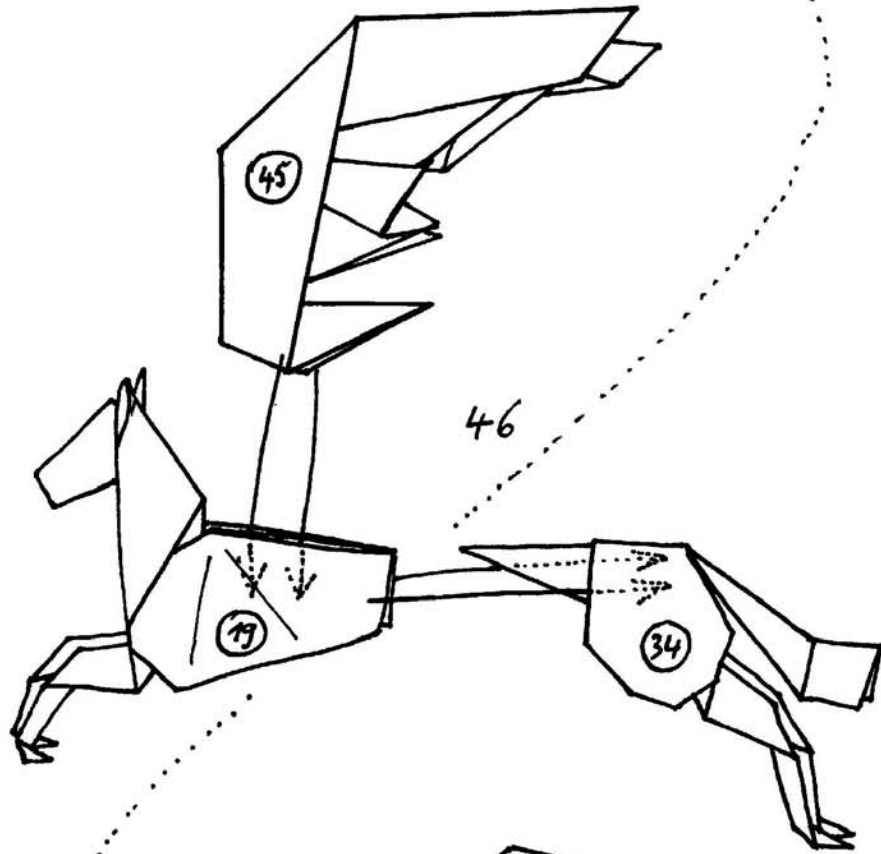
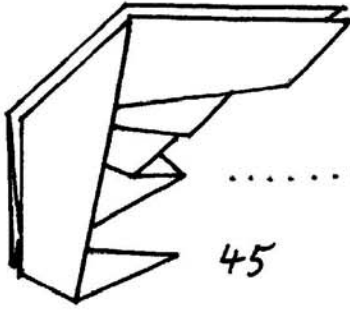






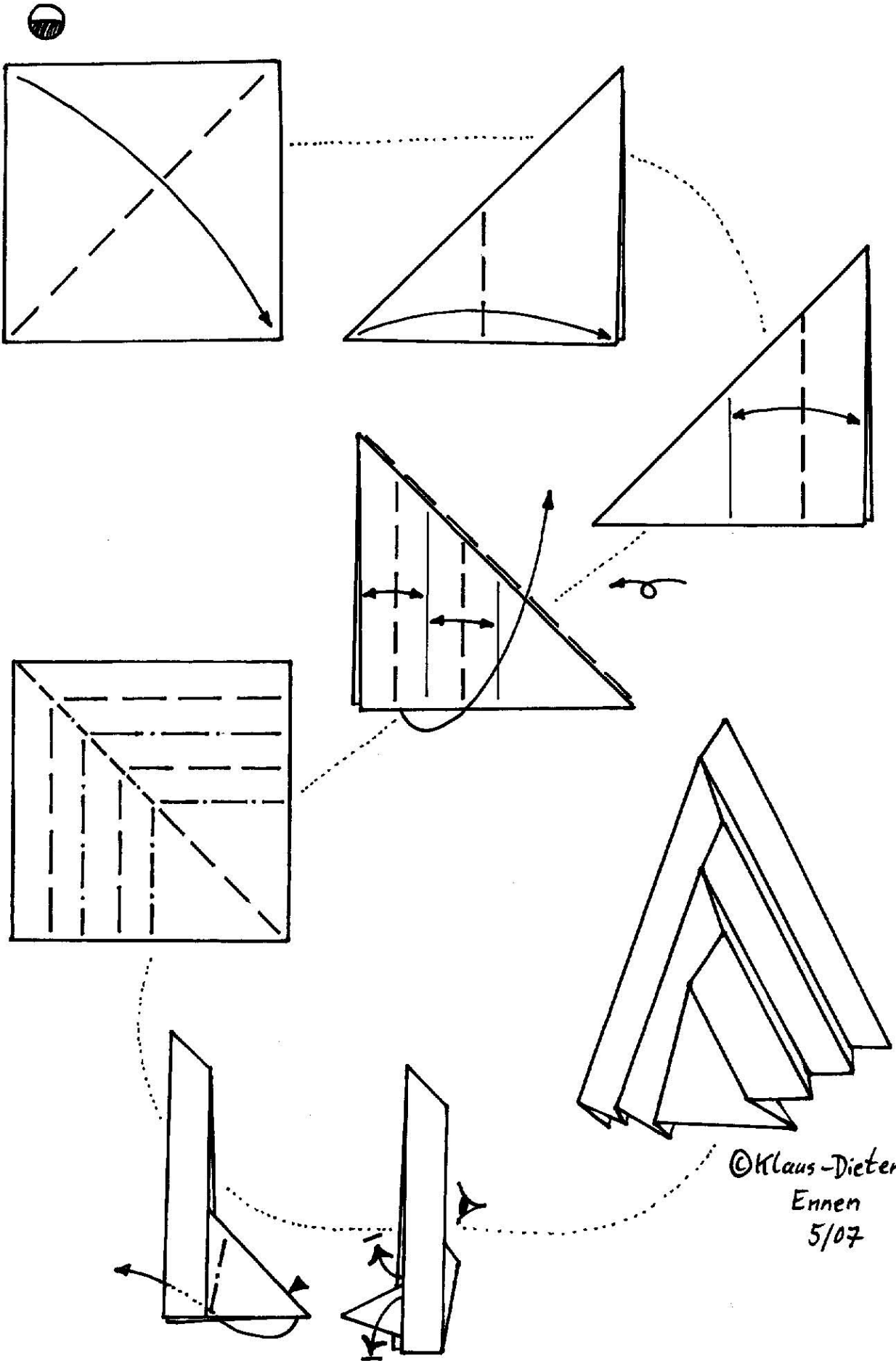


Flügel:



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Tannenbaum : von Klaus-Dieter Ennen

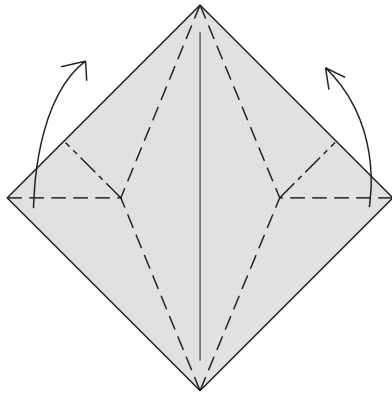


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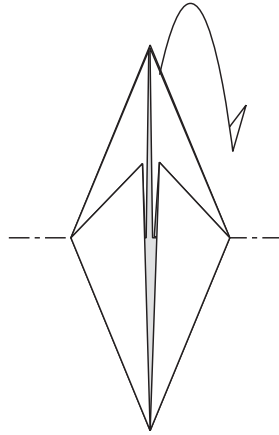
# Seated Panda

by Marc Kirschenbaum (NY)

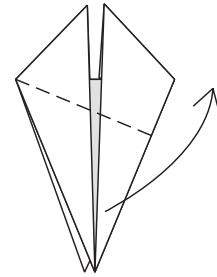
©2004



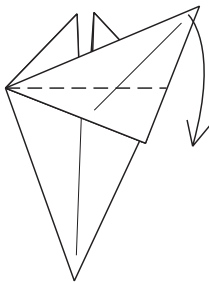
1. With darker side up, form rabbit ears on both sides.



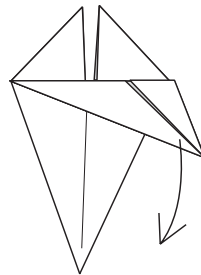
2. Swing back.



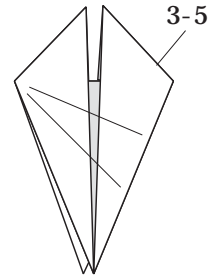
3. Valley up.



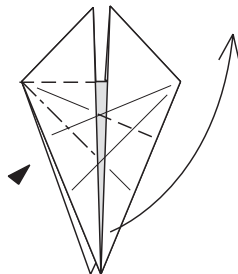
4. Valley down.



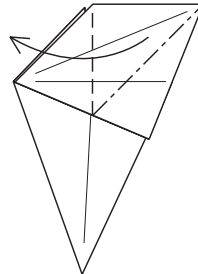
5. Unfold.



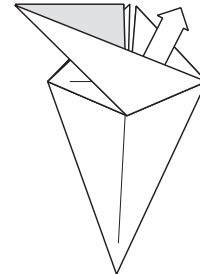
6. Repeat steps 3-5 in mirror image.



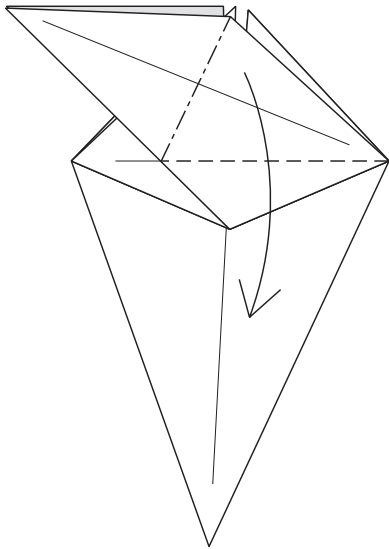
7. Asymmetrical squash.



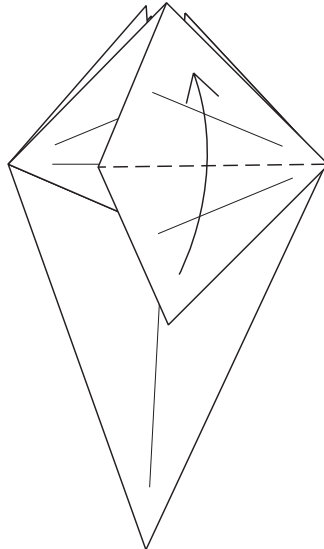
8. Squash.



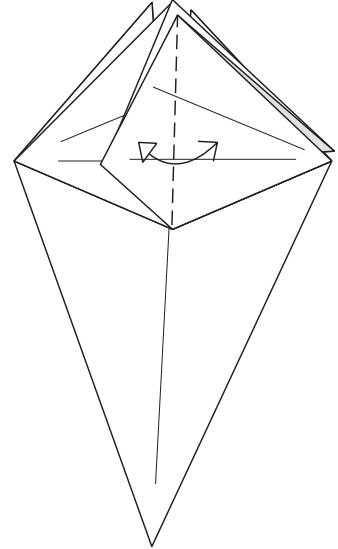
9. Pull out a single layer to match the other side.



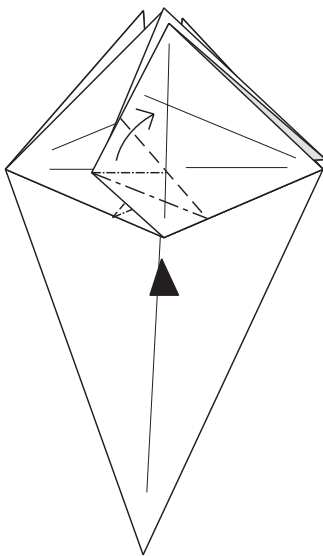
10. Squash.



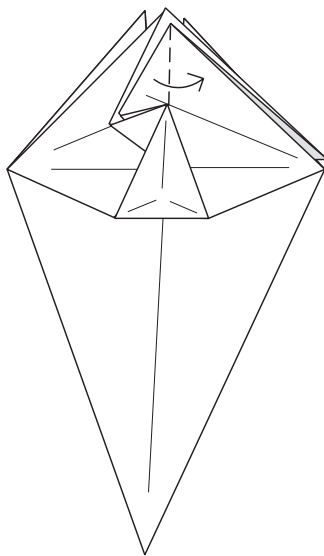
11. Valley up.



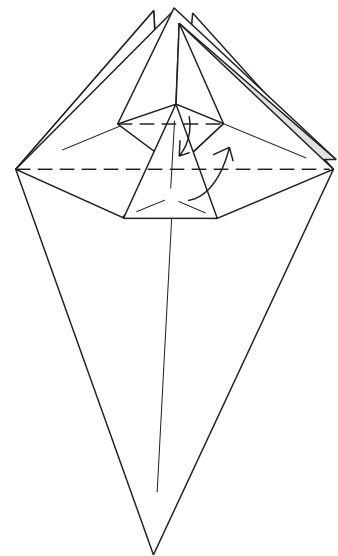
12. Precrease.



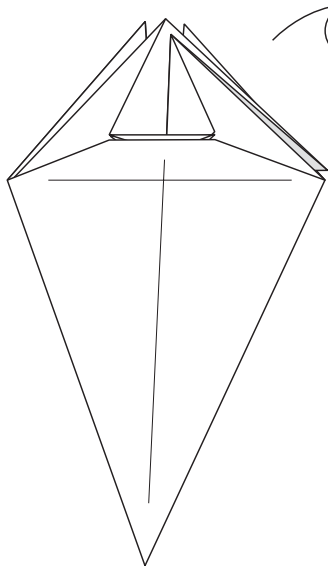
13. Form valley fold, allowing a squash to form at bottom.



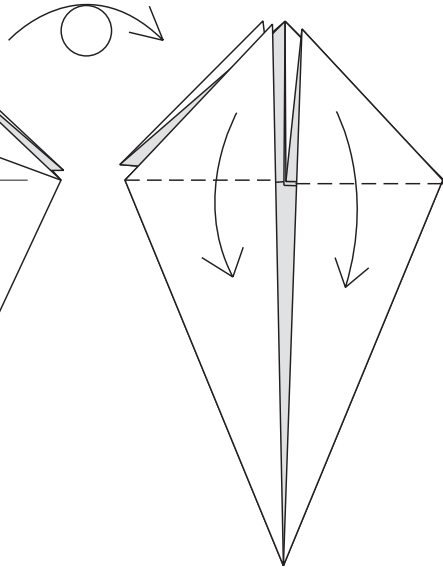
14. Pull one layer through.



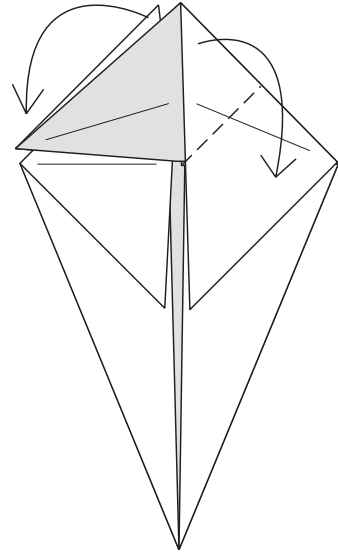
15. Form two valley folds.



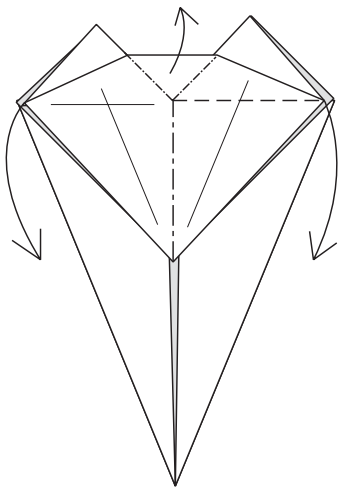
16. Turn over.



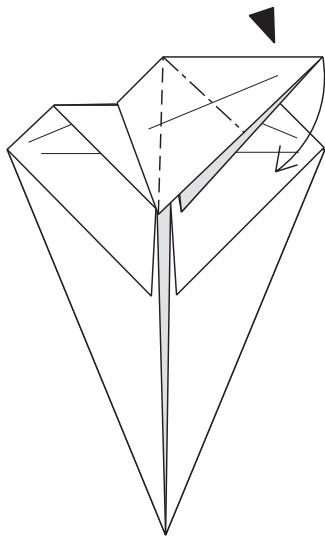
17. Swing down.



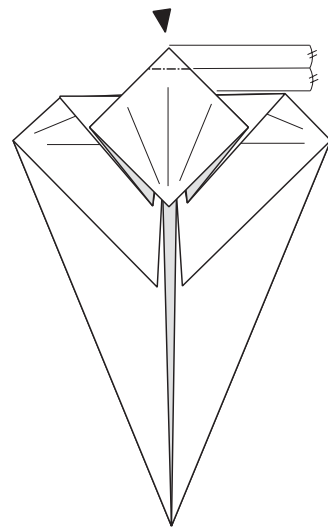
18. Open out top.



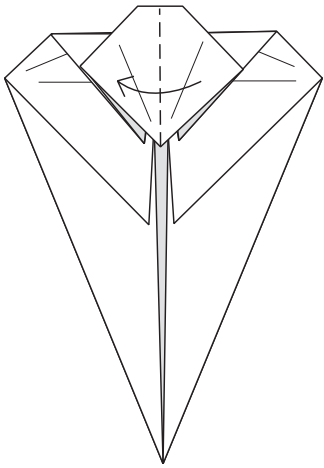
19. Collapse into a rabbit-ear formation.



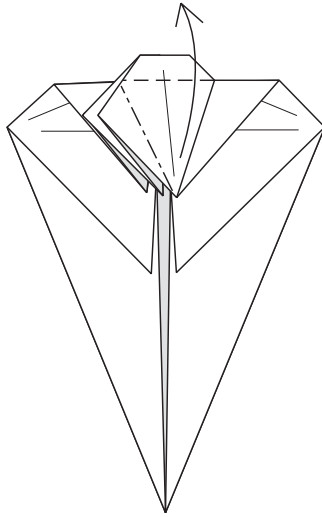
20. Squash.



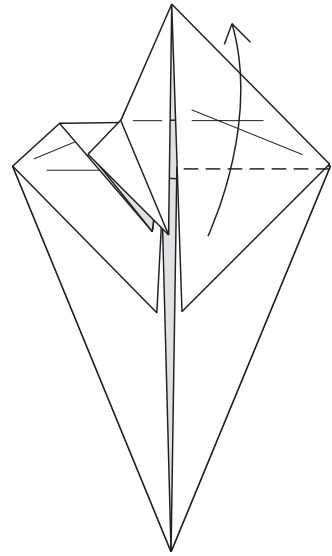
21. Sink halfway.



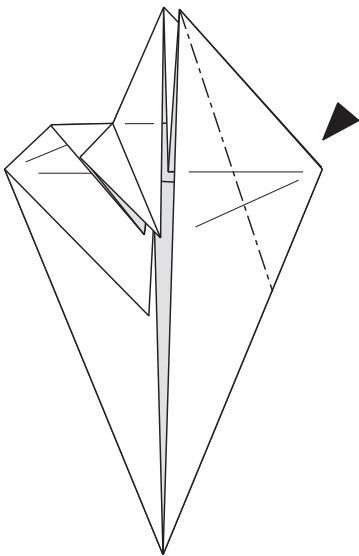
22. Swing over.



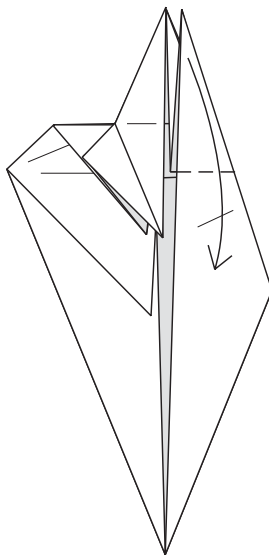
23. Petal fold up.



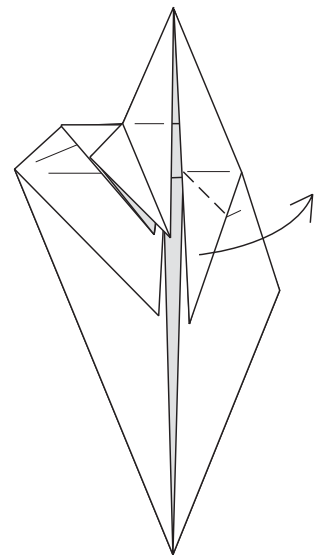
24. Swing up.



25. Sink triangularly.

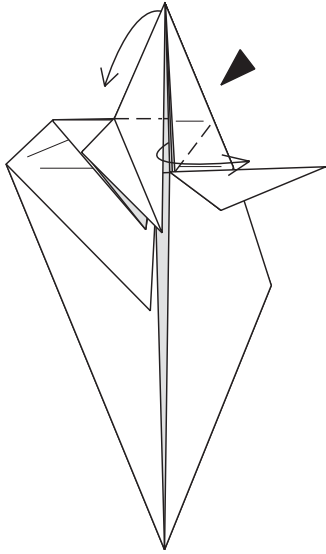


26. Swing down.

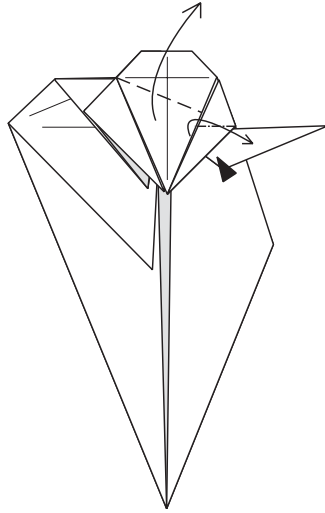


27. Valley outwards.

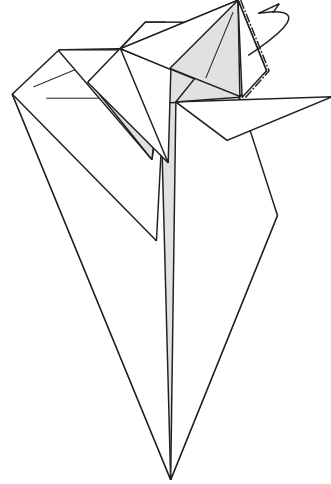




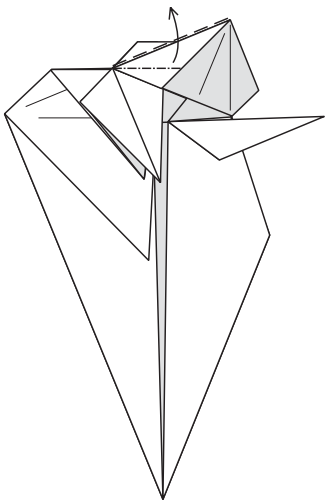
28. Squash the flap down, being sure to pull out all of the layers at the right.



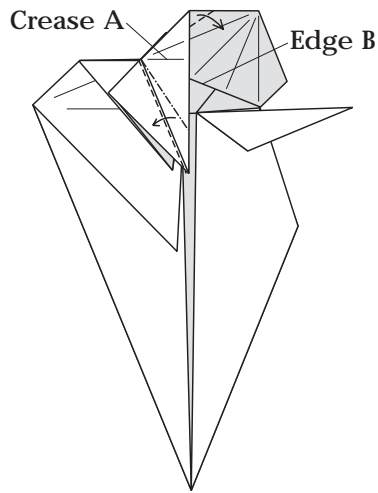
29. Squash the flap upwards, pulling out all of the layers at the right.



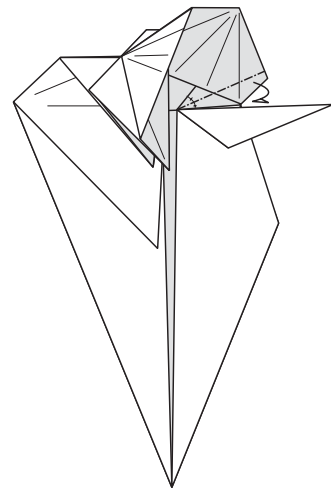
30. Wrap around two layers.



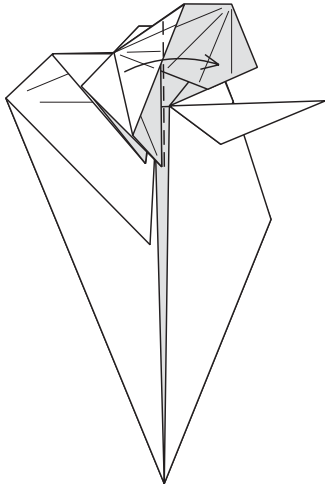
31. Slide the single layer up as far as possible, releasing the trapped paper.



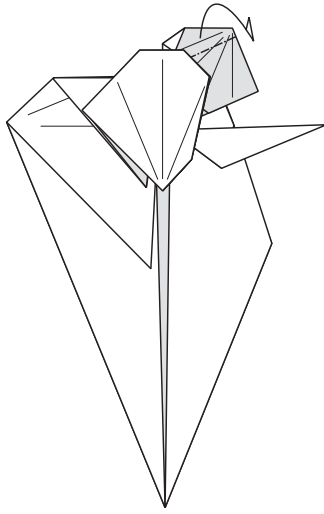
32. Swivel the top layer over, such that crease A lies on edge B.



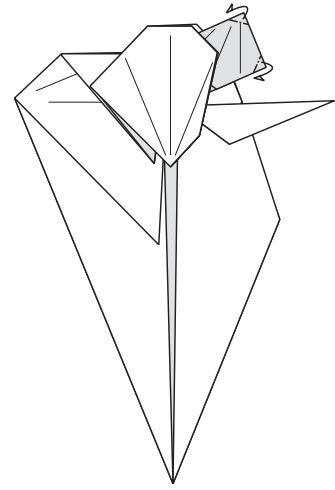
33. Mountain fold along the angle bisector.



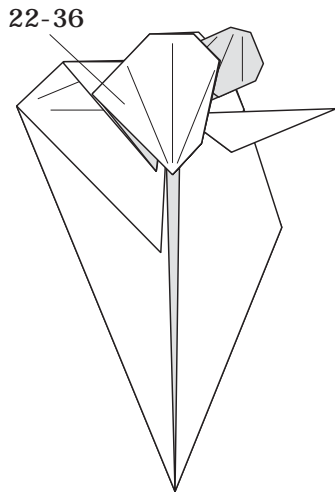
34. Valley fold the top flap over.



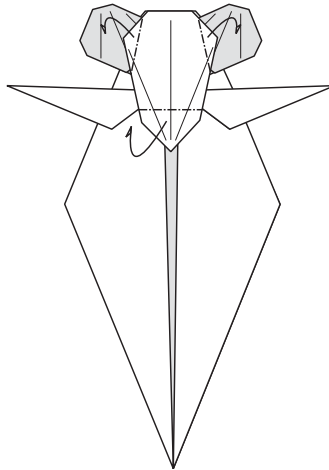
35. Mountain fold the top edge. Part of this fold is hidden.



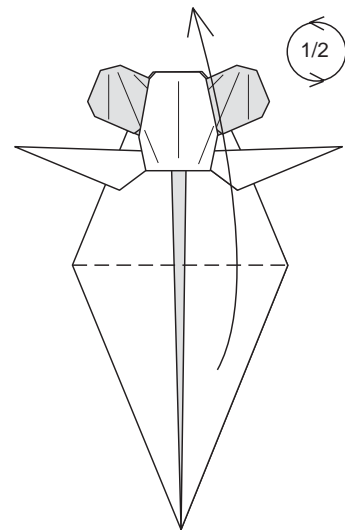
36. Mountain fold the corners.



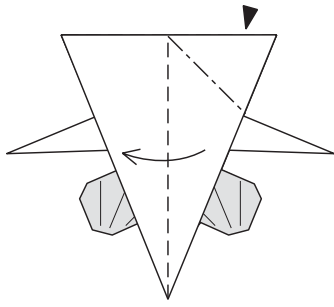
37. Repeat steps 22-36 in mirror image.



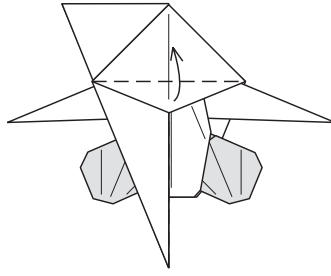
38. Mountain fold parts of the top flap behind.



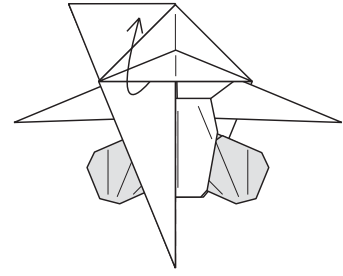
39. Valley fold the bottom flap. Rotate the model 1/2 turn.



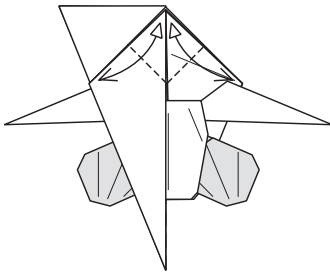
40. Squash fold.



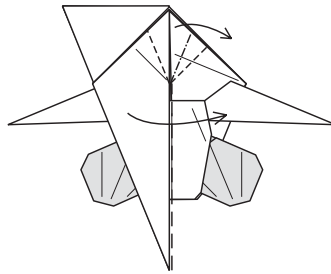
41. Valley fold.



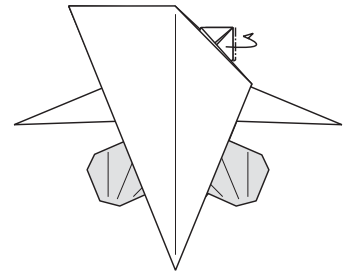
42. Wrap around a single layer.



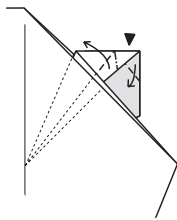
43. Precrease the top flap.



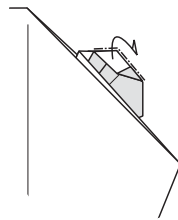
44. Valley fold the top flap over, while swiveling the top point down.



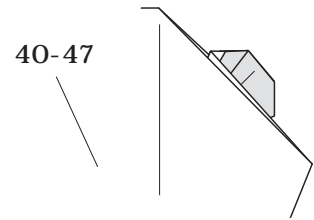
45. Wrap around a single layer.



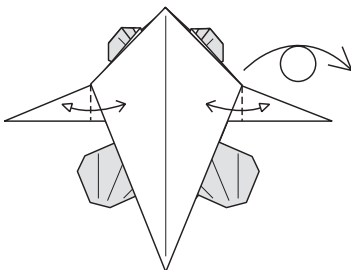
46. Swivel over along the (hidden) angle trisector.



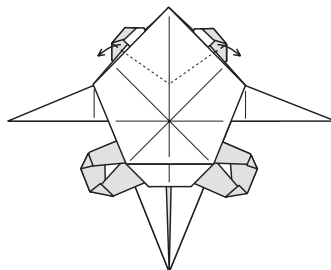
47. Note how the top edges are aligned. Wrap around the top layer.



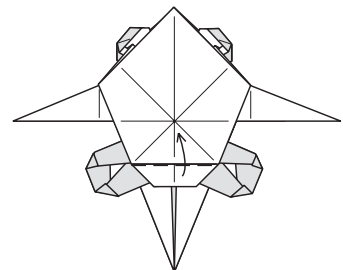
48. Repeat steps 40-47 in mirror image.



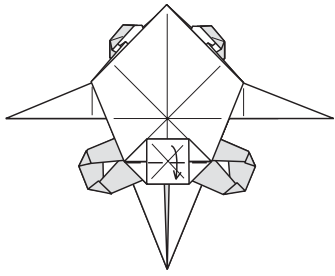
49. Precrease the side flaps. Turn over.



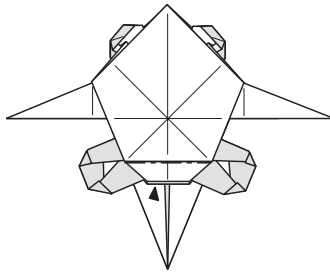
50. Swivel over the top layers as far as possible.



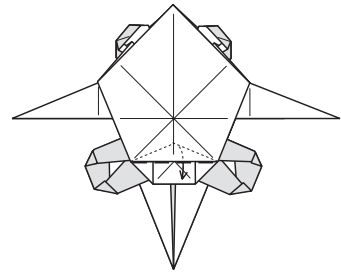
51. Valley fold up, allowing the layers below to spread apart.



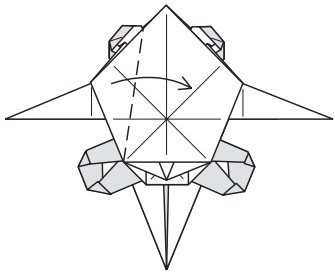
52. Valley fold the flap down.



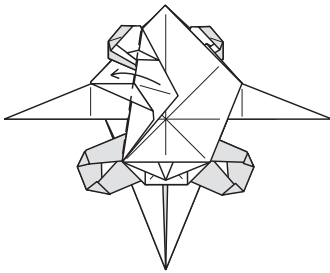
53. Closed sink the flap.



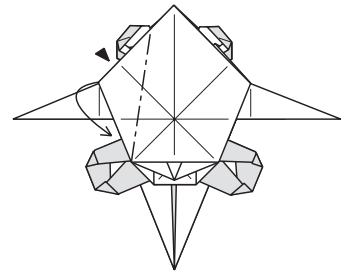
54. Valley fold the hidden flap down.



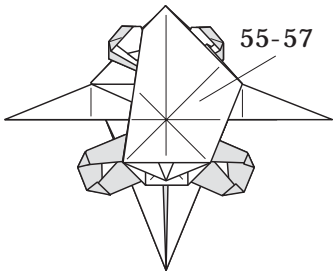
55. Valley fold over, allowing squashes to form at the ear and arm.



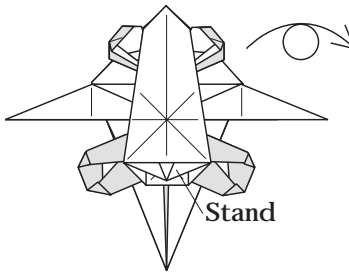
56. Valley fold the flap back.



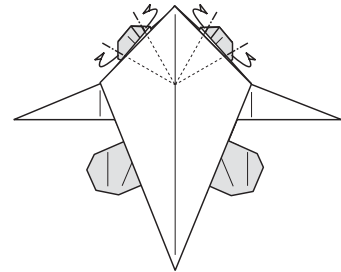
57. Reverse fold the flap along the existing crease.



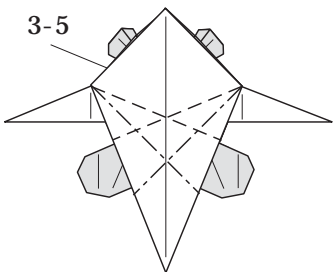
58. Repeat steps 55-57 in mirror image.



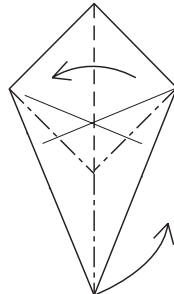
59. Make note of the flap for the stand. Turn over.



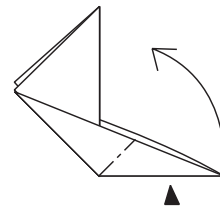
60. Mountain fold the edges behind.



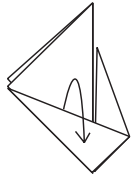
61. Repeat steps 3-5 on the top flap.



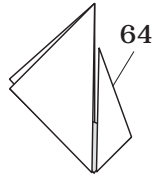
62. Top shown only. Fold in half, while outside reverse folding.



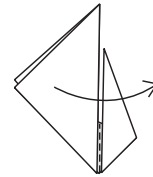
63. Reverse fold.



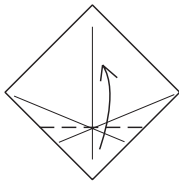
64. Wrap around a single layer from underneath.



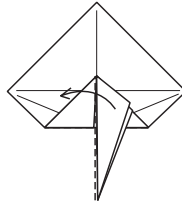
65. Repeat step 64 behind (it is easier to first swing the small flap to the other side to accomplish this).



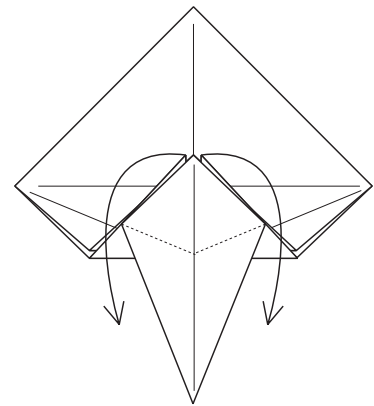
66. Swing one flap over.



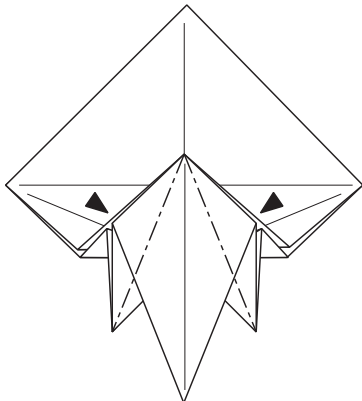
67. Valley up. See the next step for positioning.



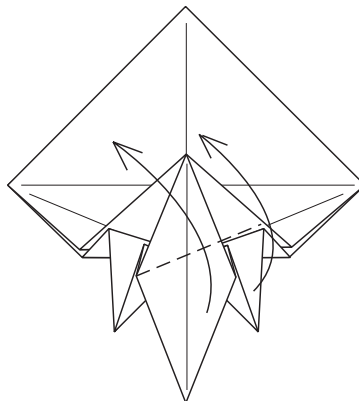
68. Note that points A and B are on the same plane. Swing over.



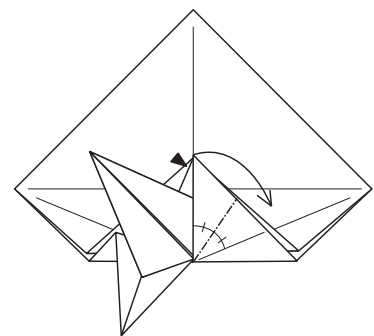
69. Reverse fold the points straight down.



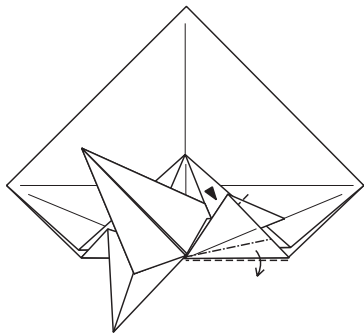
70. Open sink along the angle bisectors.



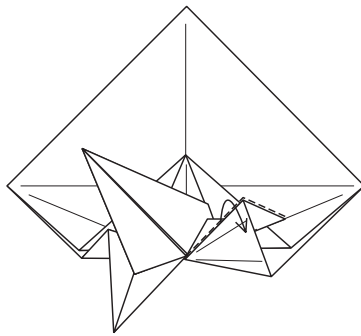
71. Swing up the two flaps.



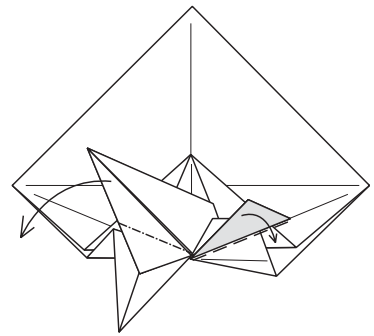
72. Reverse fold along the angle bisector.



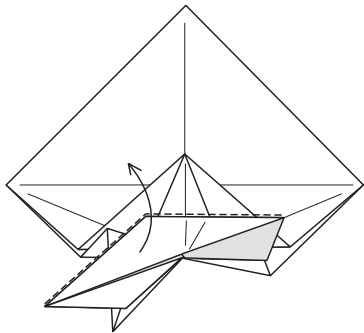
73. Slide some paper down.



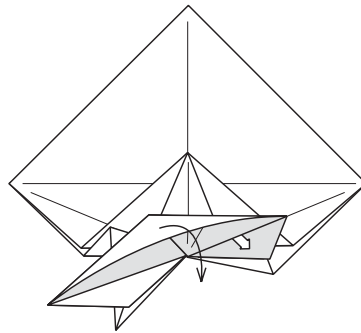
74. Wrap around a single layer.



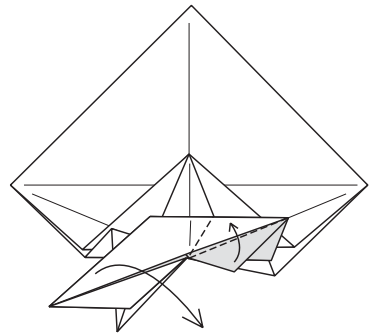
75. Valley fold down the colored section. Pull the point to the side, releasing a pleat.



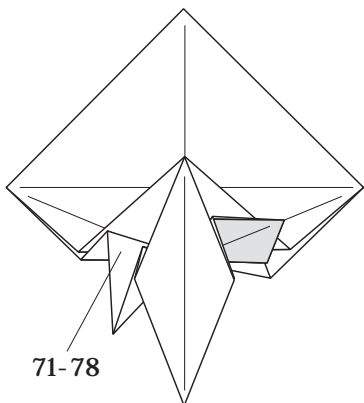
76. Lift up the top layer to reveal the colored portion.



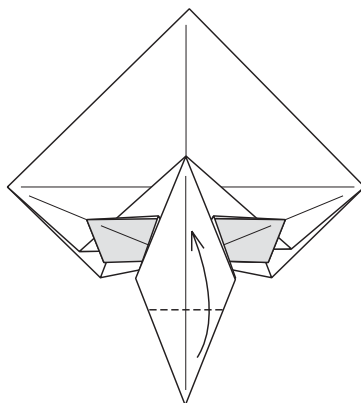
77. Unsink, and then close the top flap.



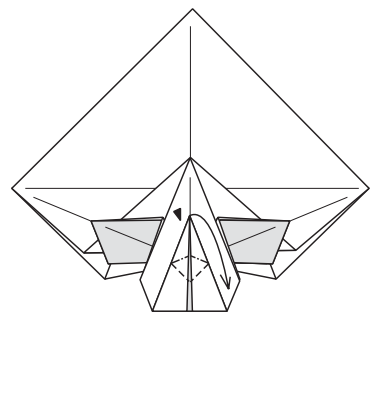
78. Valley fold the colored flap, and swing the center flap back down.



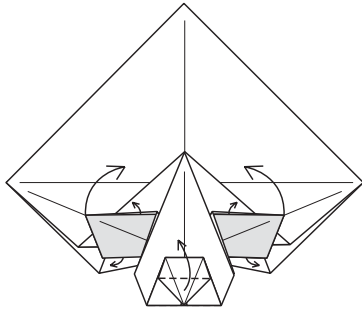
79. Repeat steps 71-78 in mirror image.



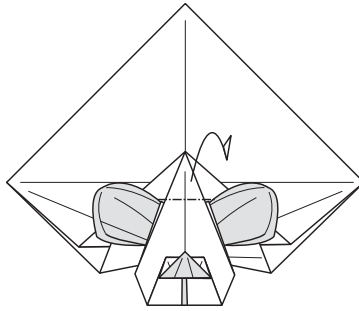
80. Valley fold up.



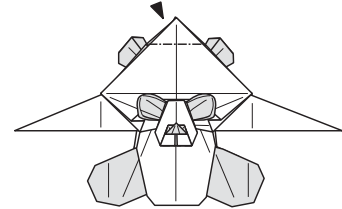
81. Squash fold.



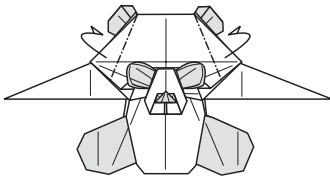
82. Valley fold the nose, and pull up the eyes, spreading apart the layers.



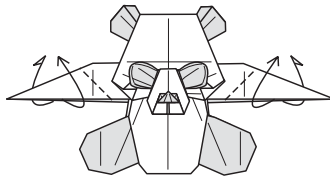
83. Mountain fold between the eyes.



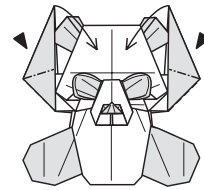
84. Closed sink the top of the head.



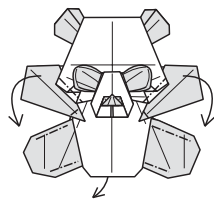
85. Mountain fold the sides of the head.



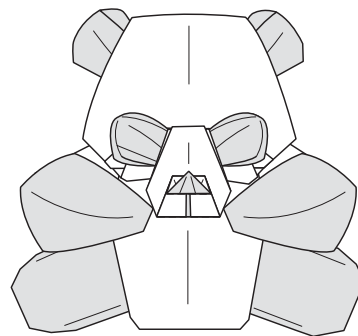
86. Outside reverse fold the arms. You can distribute the layers with one on top, and two behind.



87. Squash fold the arms down.



88. Pull the arms down, and shape the model to taste. Stretch the flap for the stand down from behind.

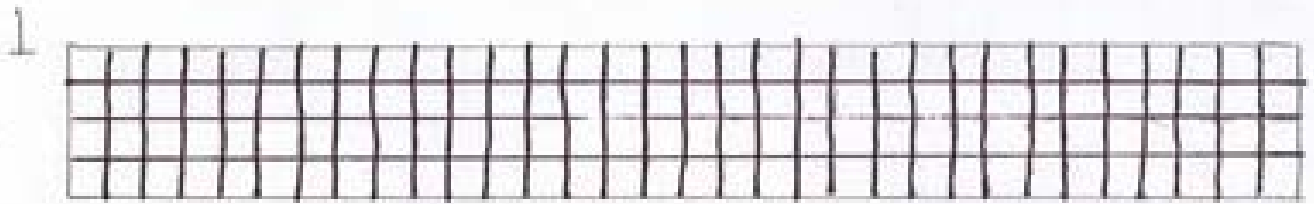


89. Completed Seated Panda  
©2004 Marc Kirschenbaum

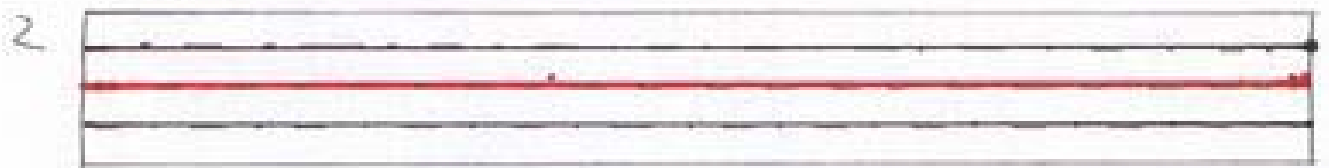
# Train

designed, drawn by: Matthew DiSalvo

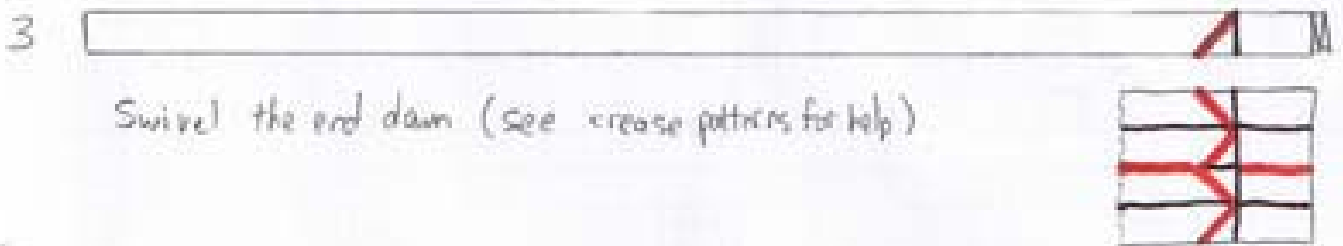
———— = mountain fold  
———— = valley fold



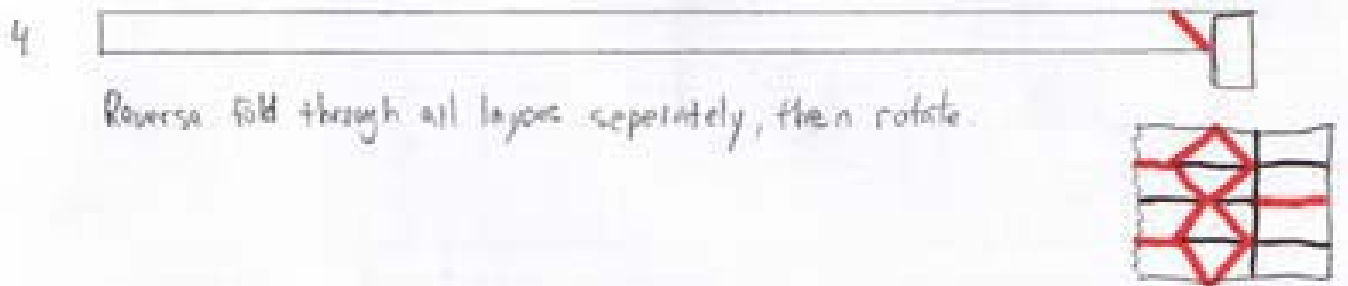
Start with a 8x1 rectangle. Divide into fourths with horizontal folds and into 32ths with vertical folds



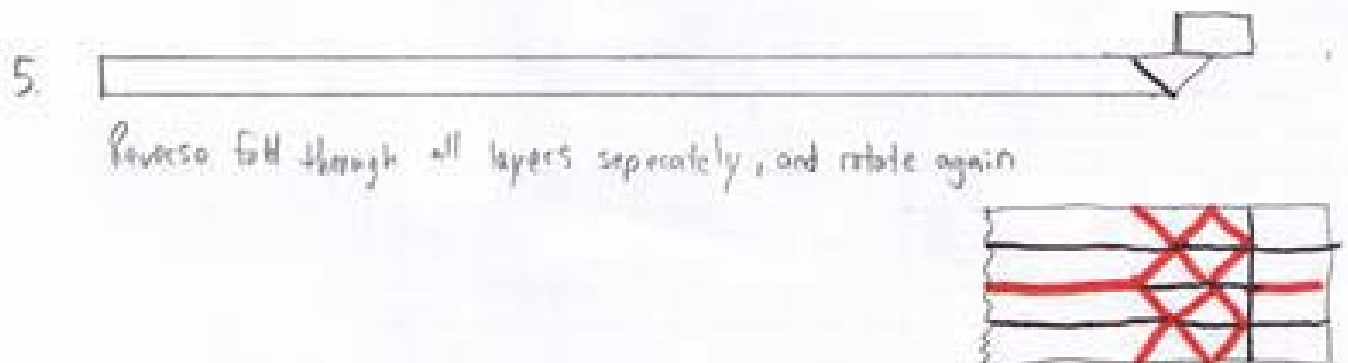
With the color of the train on top and the color of the wheels on the bottom, pleat along the horizontal mountain and valley folds.



Swivel the end down (see crease patterns for help)



Reverse fold through all layers separately, then rotate

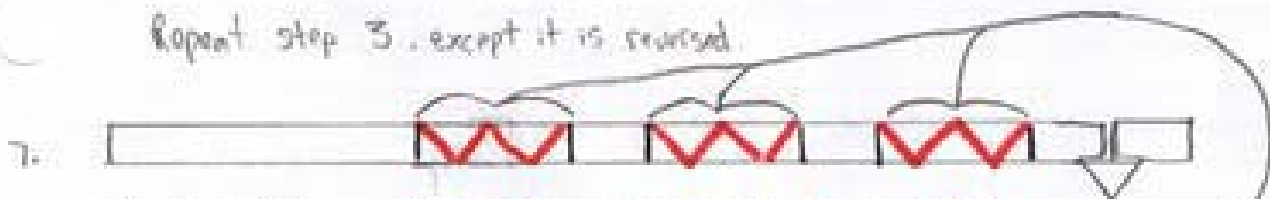


Reverse fold through all layers separately, and rotate again

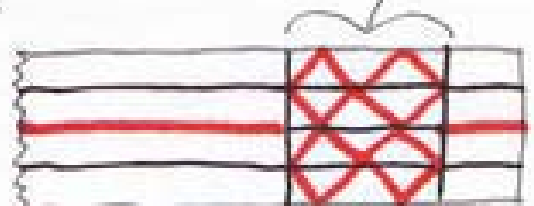




Repeat step 3, except it is reversed.



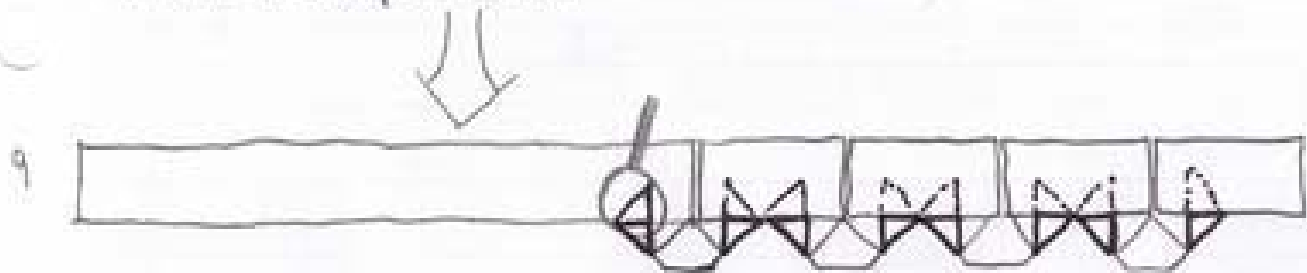
At this point, one link of the train has been completed. The crease pattern looks like this:



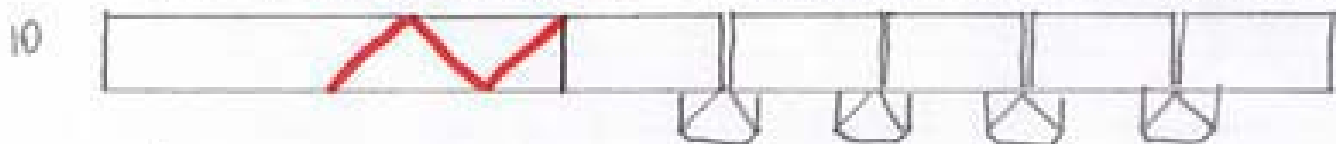
Continue with steps 3-6 with 3 repetitions. You should end up with 5 cars.



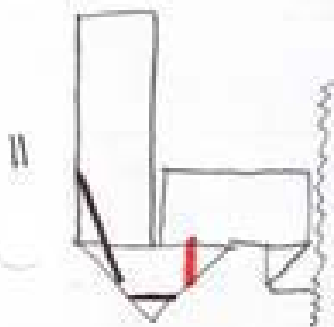
Round out the wheels by mountain folding the bottom and valley folding the single layers on the sides. Repeat behind.



Open sink the central triangles that remain. As shown by the X-ray view, the triangles extend higher, so you need to open the model a bit.

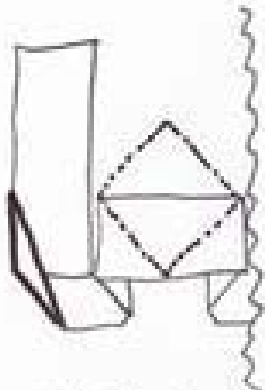


Fold as in steps 3-5 (rest of train will be omitted).

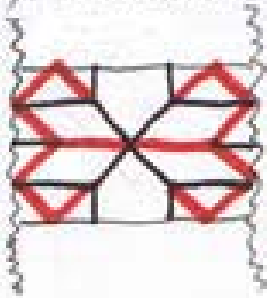


Repeat steps 8-9 on the right side. Also, mountain fold a single layer on the left, repeating behind.

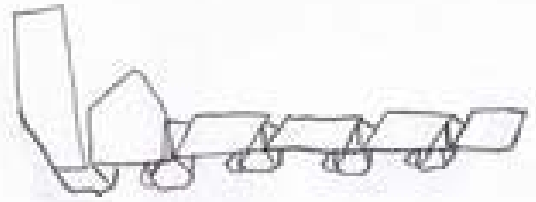
12.



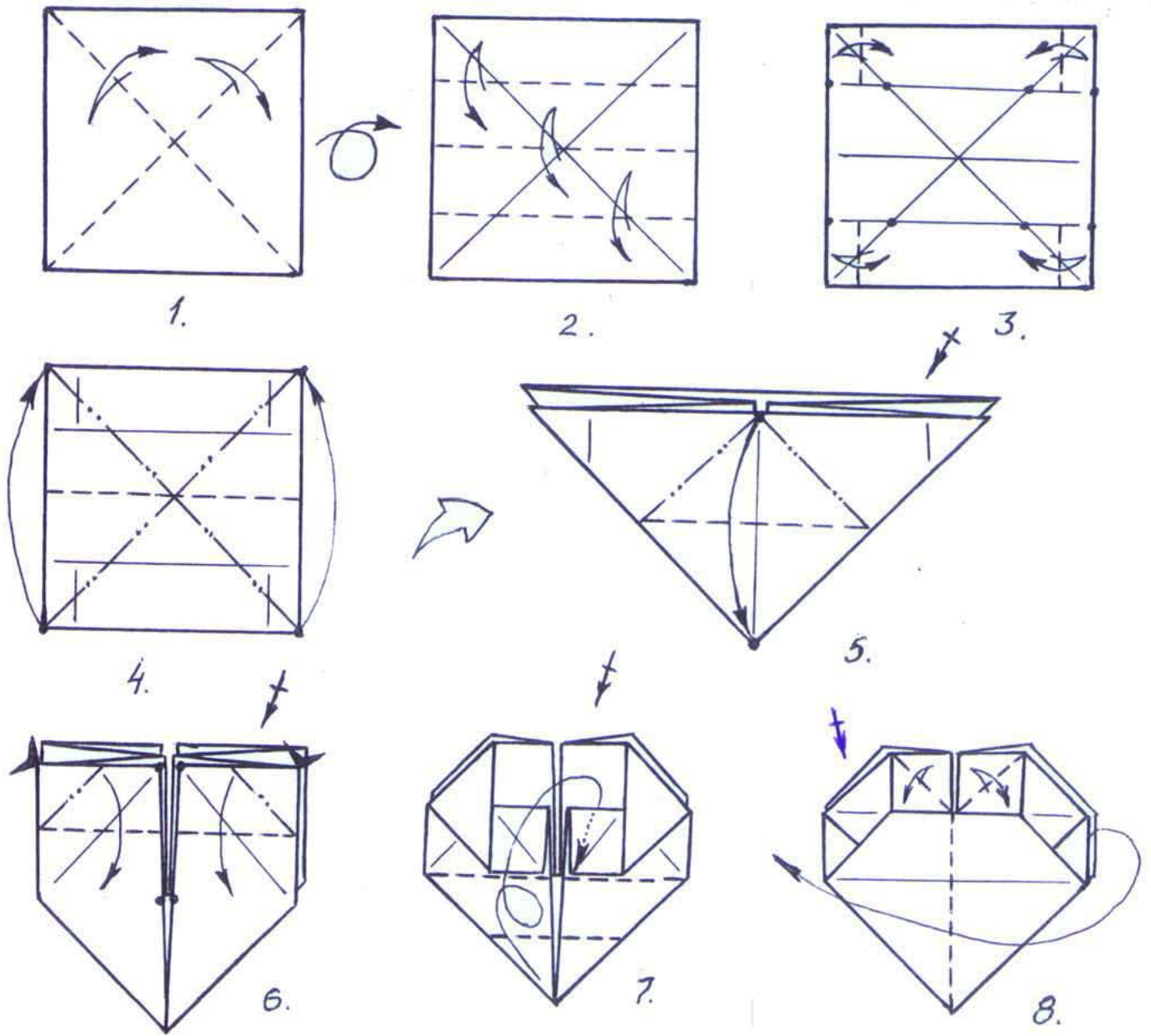
Open sink the remaining flap.  
Finally, unsink a triangle of paper.



13

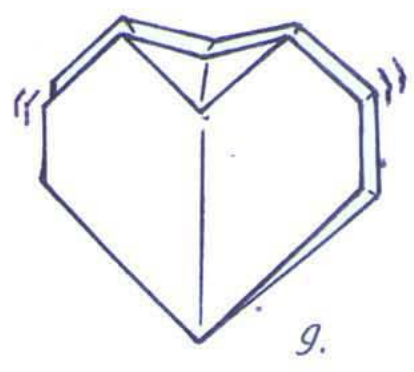


Done! Separate the wheels  
and the 2 layers of each  
train car.



Pulsing heart

Author : Jaremenko Nicolas  
 Ukraine  
 Poltava origami center

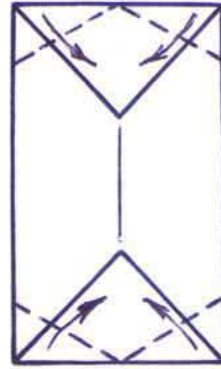




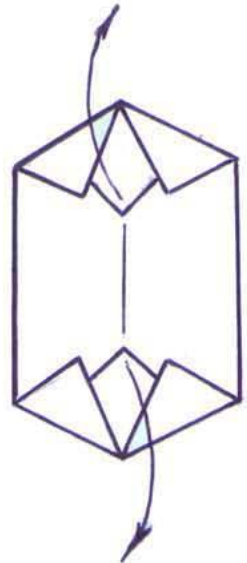
1



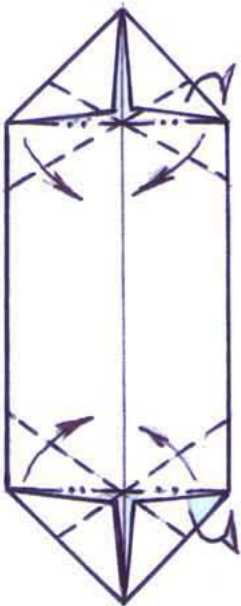
2



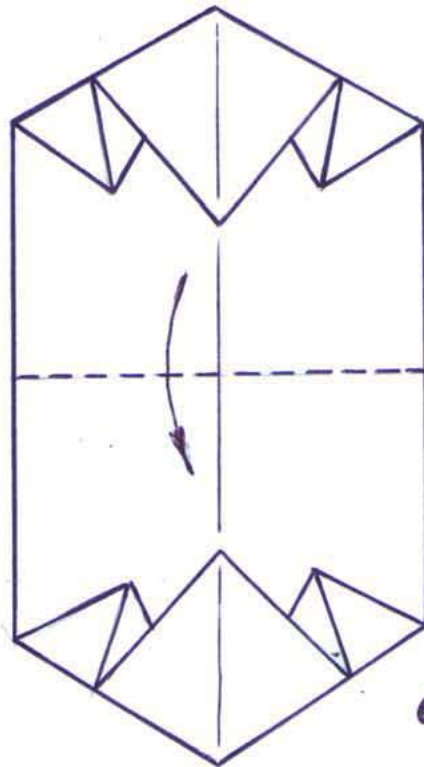
3



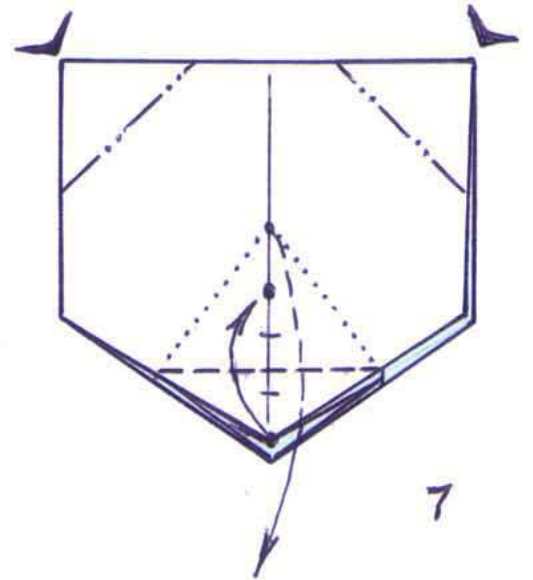
4



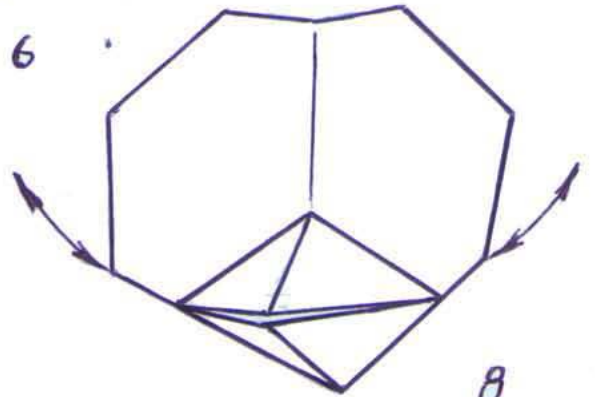
5



6



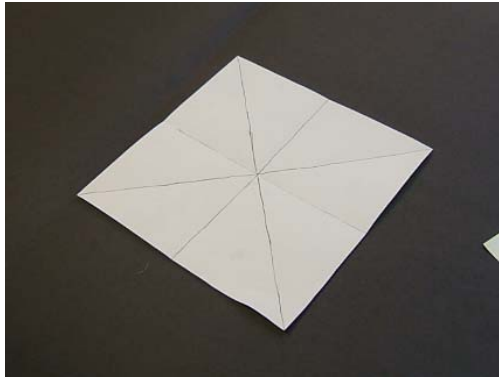
7



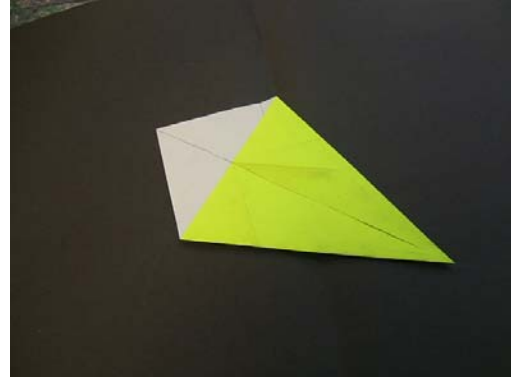
8

Talking duck' head  
author : Jaremenko Nicolas  
Ukraine  
Poltava origami center

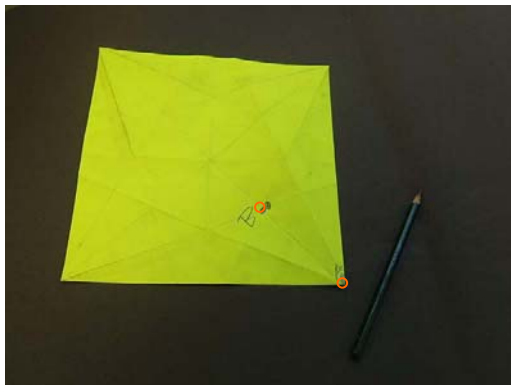
# 3D Gemstone by Oissin H O'Donnell (13)



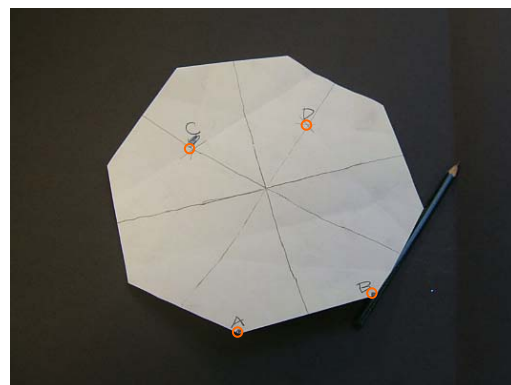
1. Start with a square, white side up, creased in half and creased diagonally.



2. Fold a kite base (like in the picture). Unfold, repeat on all 4 corners, turn over.



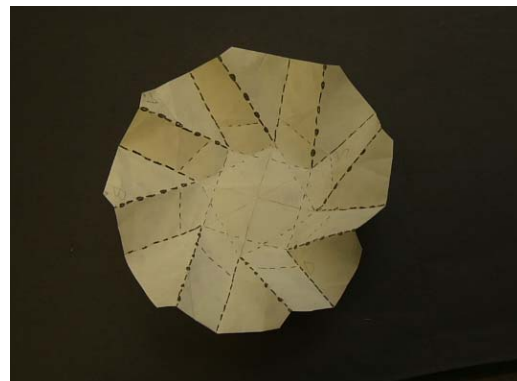
3. Fold **A** to **B**. Repeat on all 4 corners and turn over.



4. Fold **AB** to **CD**. Repeat on all eight sides.



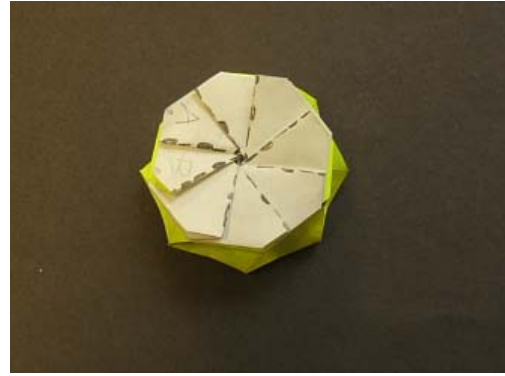
6. Crease pattern collapsing.



7. Collapsing almost completed.



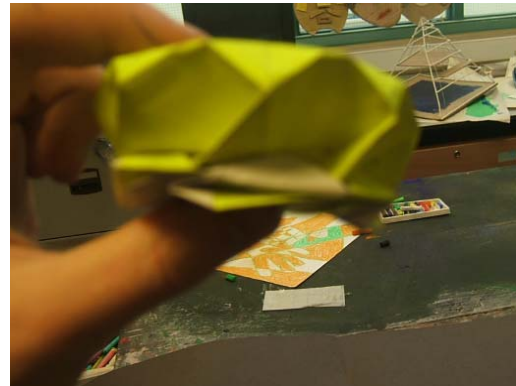
8. Collapsing completed.  
Mountain fold sticking out corners under.



9. Turn over



10a. Completed Gemstone.



10b. Side view.

# 5 fold Christmas tree card

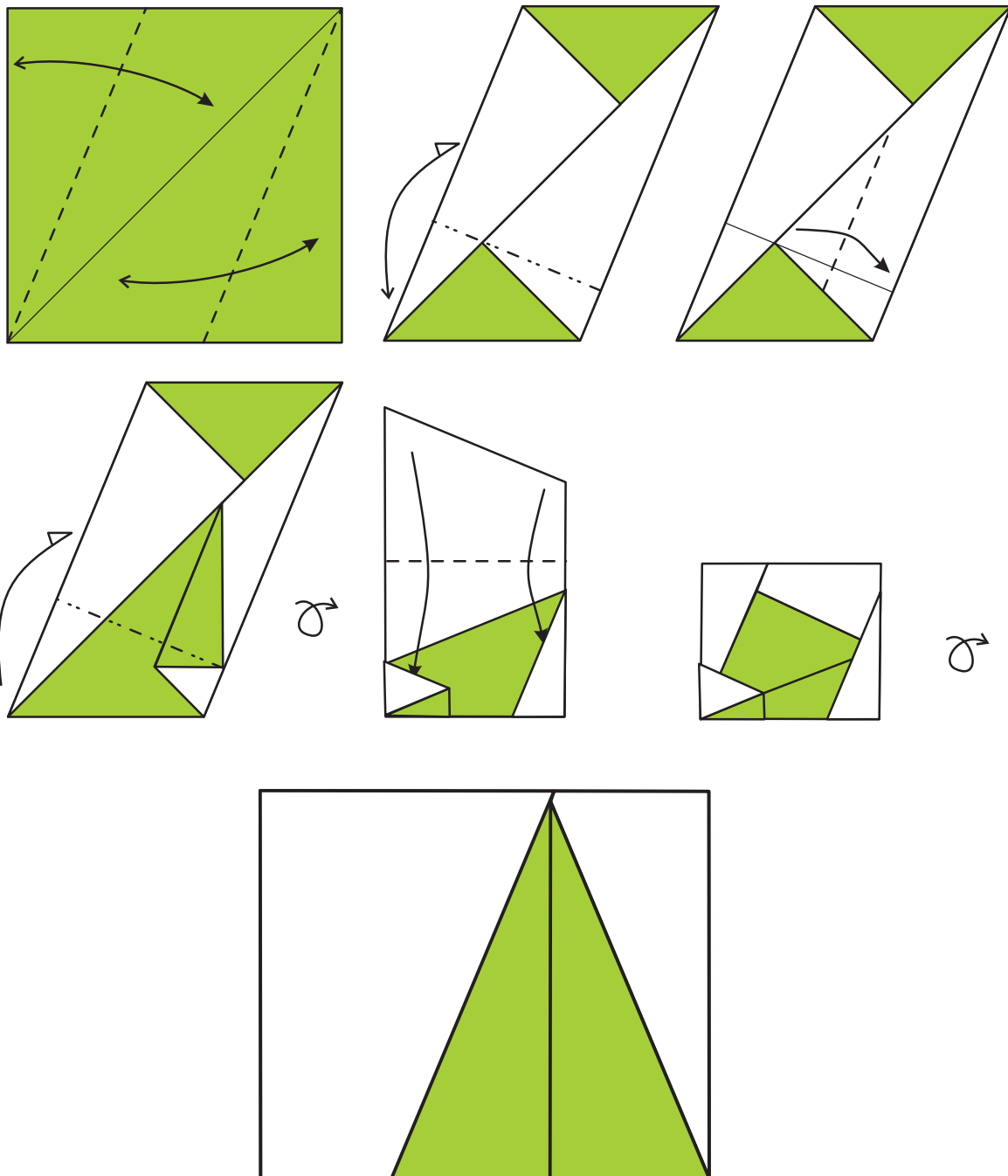
Paula Versnick

© October 15th, 2007

Created to celebrate World Origami Days

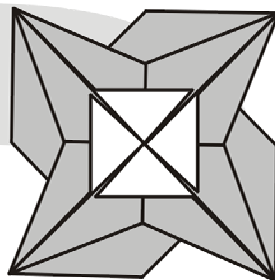
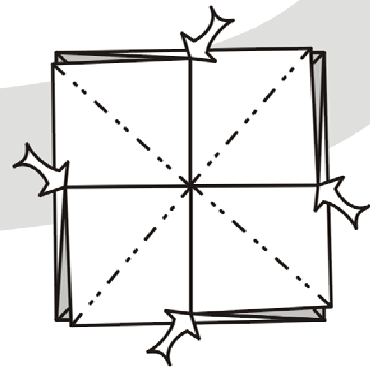
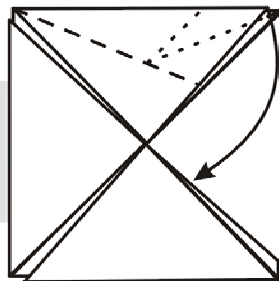
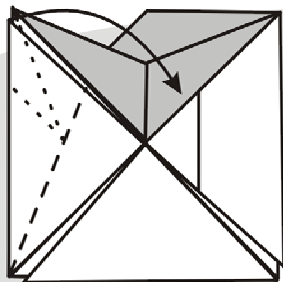
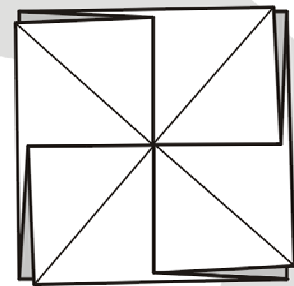
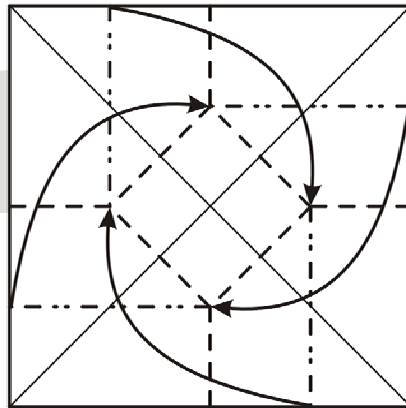
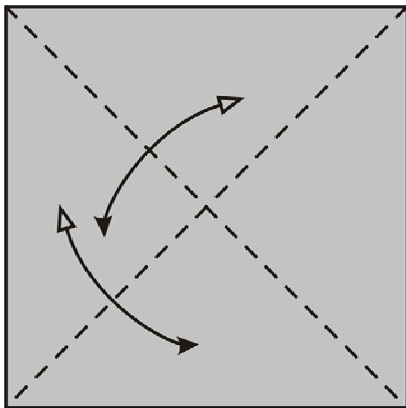
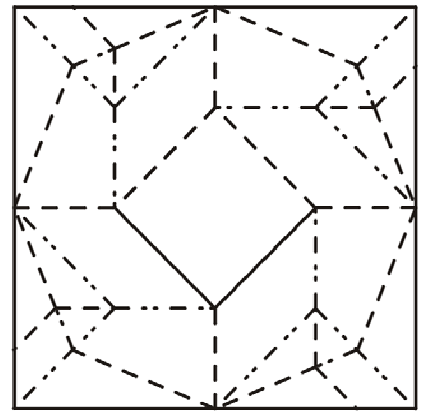
October 24th - November 11th 2007

Best from a square paper, size about 23cm (9")

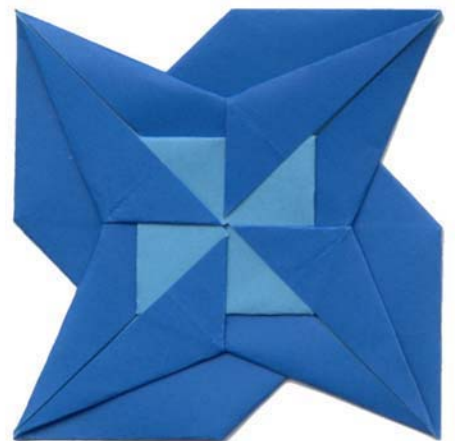


# KIELER STARS - BASIC SHAPE

© 2007 PAULA VERSNICK







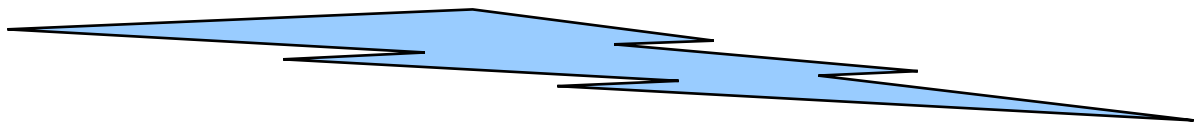
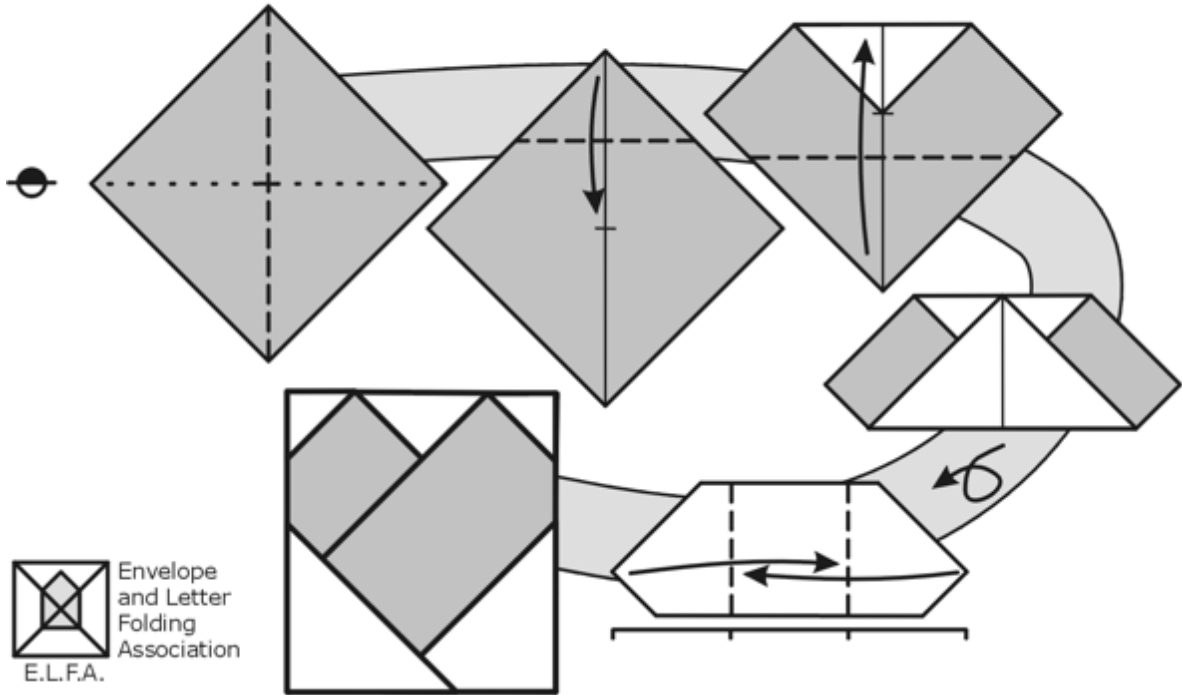
Kieler Stars - design Paula Versnick



Kimono Hart  
Briefvouw

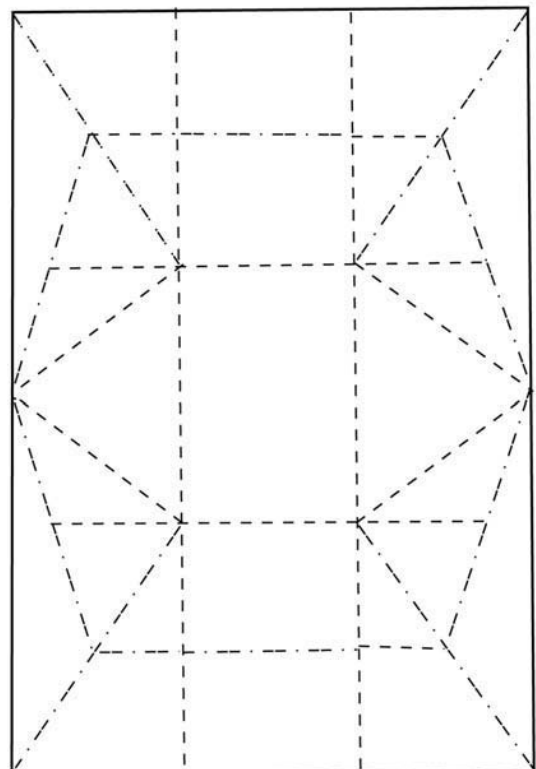
Paula Versnick

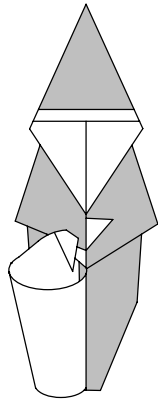
Kimono Hart  
Letter fold



**Doppelpfeilbrief**  
**Modell und Diagramm:**  
**Ulrike Krallmann-Wenzel**

**öffne den Brief und eine Schale entsteht**





# Santa Claus



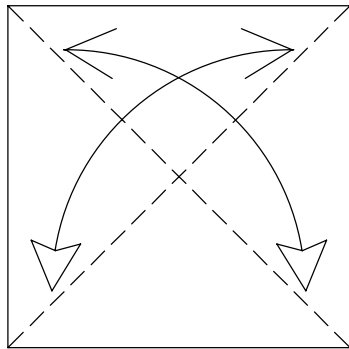
1999-07-24



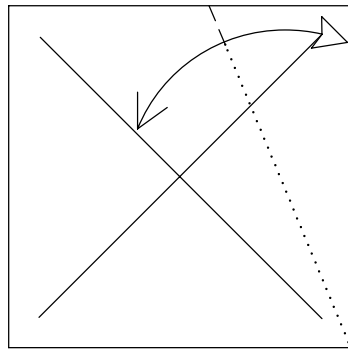
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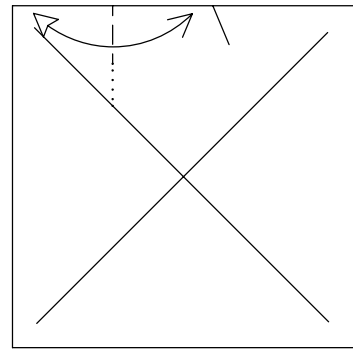
100 → 80 High



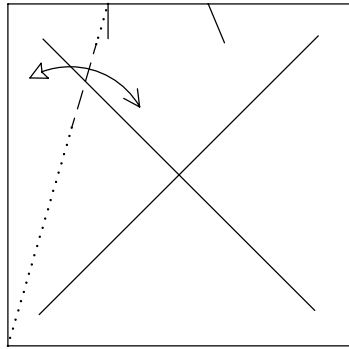
1. Pre-crease.



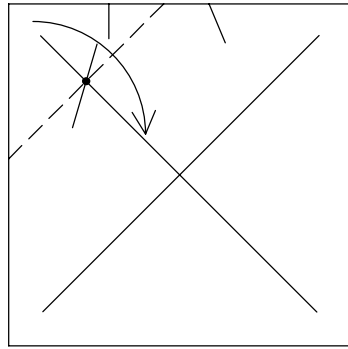
2. Pinch.



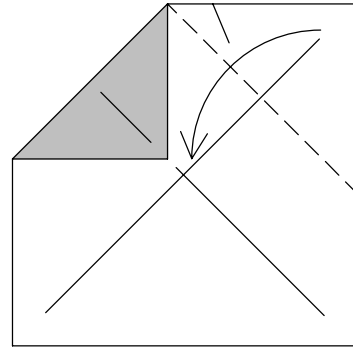
3. Pinch.



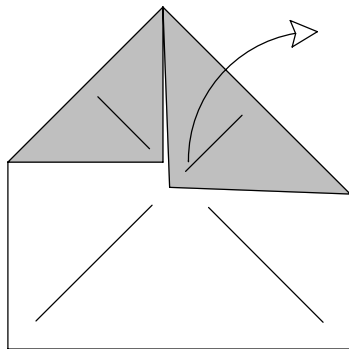
4. Pinch.



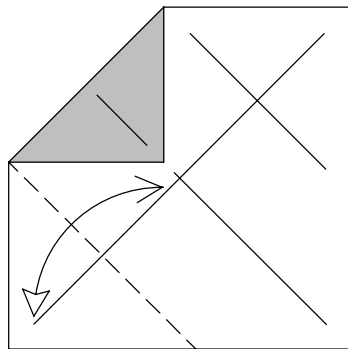
5. Valley Fold.



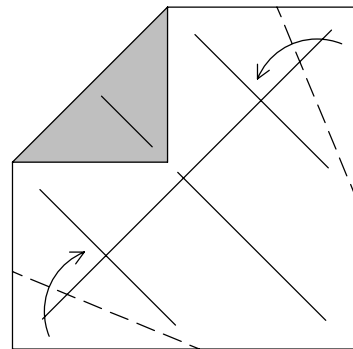
6. Valley Fold.



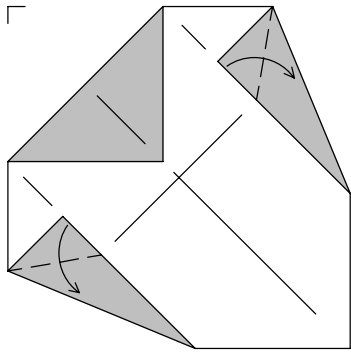
7. Unfold.



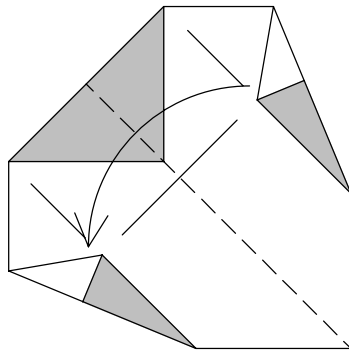
8. Valley Fold and Unfold.



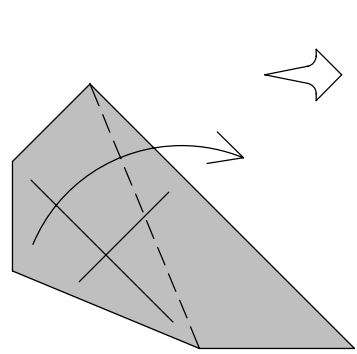
9. Valley Folds.



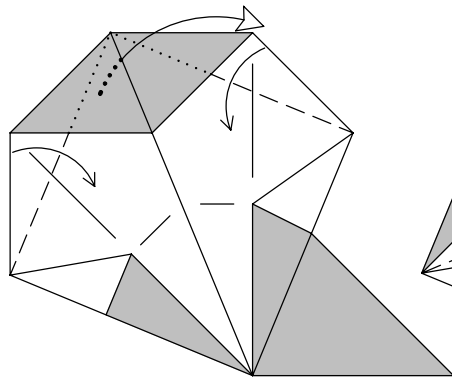
10. Valley Folds.



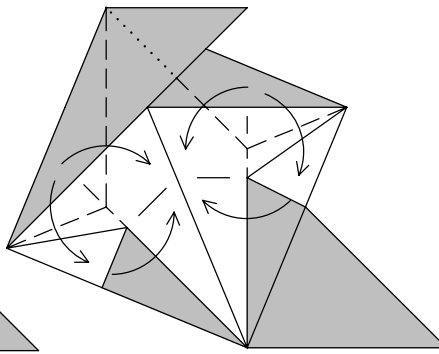
11. Valley Fold in half.



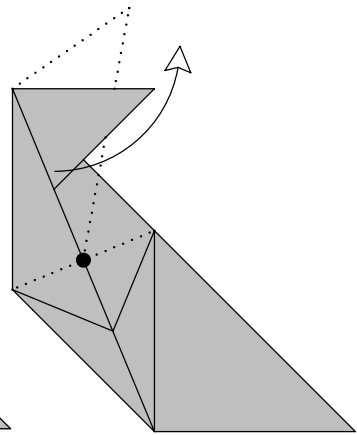
12. Valley Fold top layer up.  
Enlarge.



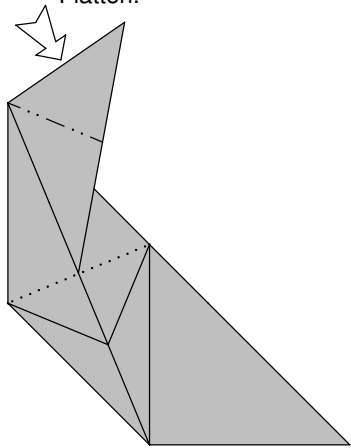
13. Pull out the trapped corner.  
Flatten.



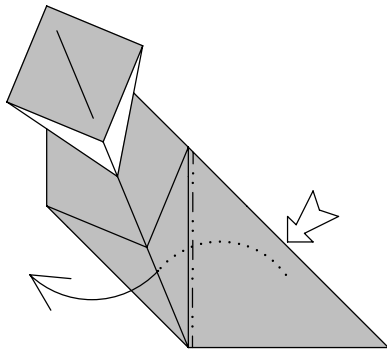
14. Rabbit Ear both sides.



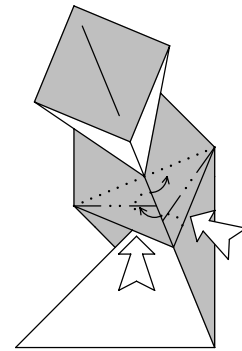
15. Pull out the trapped paper.  
Note the X-ray line and  
marker.



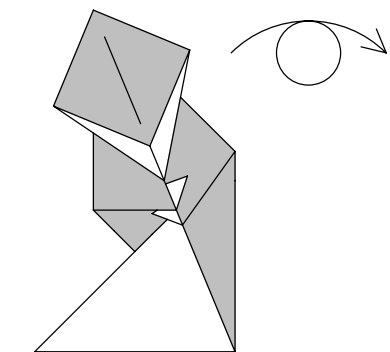
16. Squash Fold.



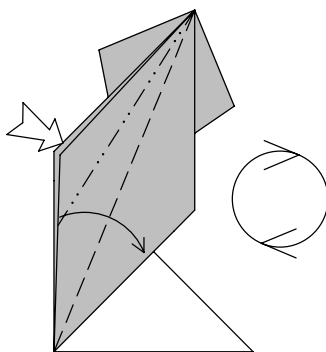
17. Inside Reverse Fold.



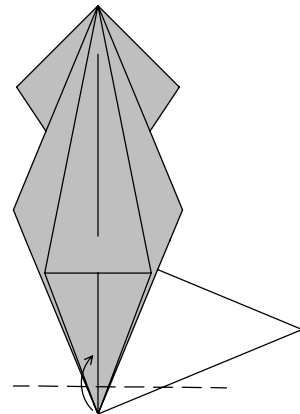
18. Inside Reverse Fold the  
arms to reveal white hands.



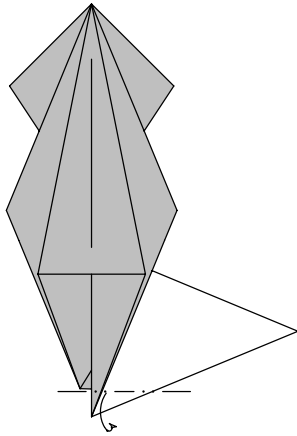
19. Turn around.



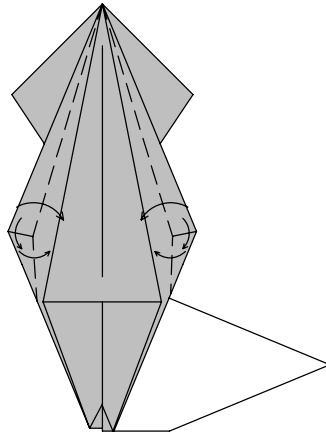
20. Spread Squash.  
Rotate.



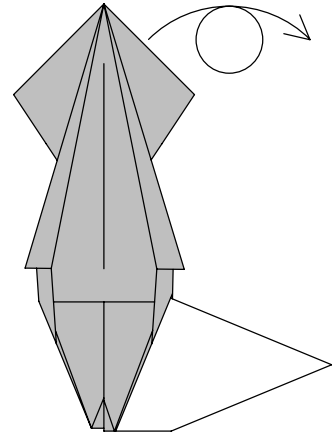
21. Valley Fold the left foot.  
Rotate.



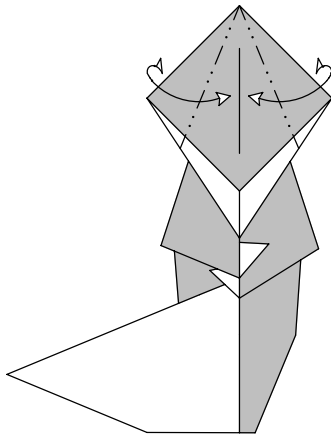
22. Outside Reverse Fold the right foot.



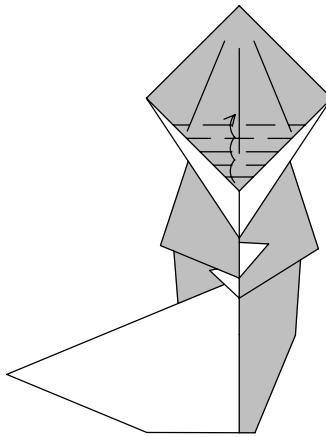
23. Rabbit Ears.



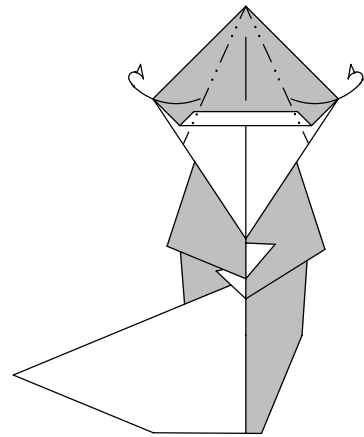
24. Turn around.



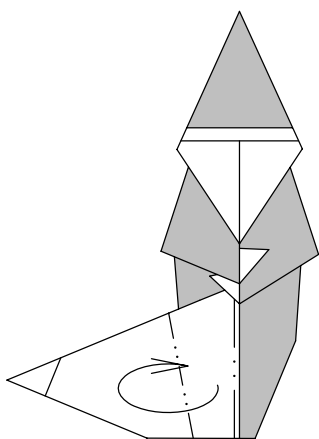
25. Mountain Fold and Unfold.



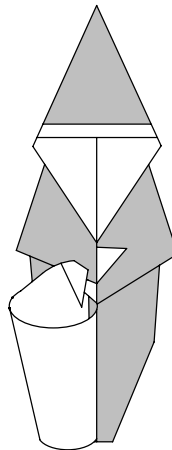
26. Valley Fold over and over.



27. Mountain Folds.



28. Shape the sack.

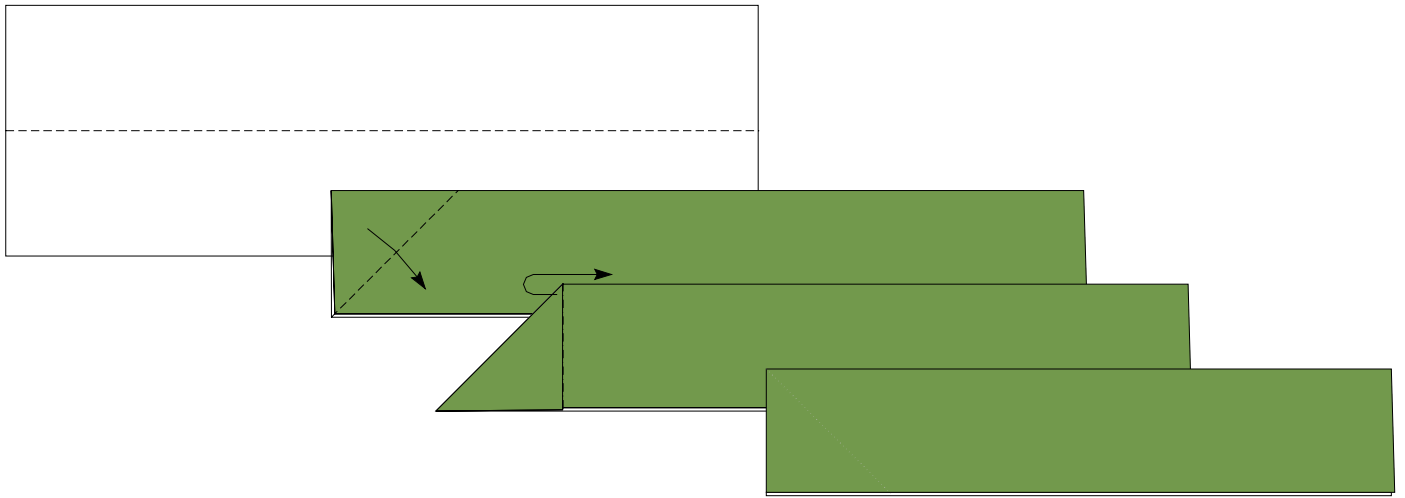


Santa with sack.

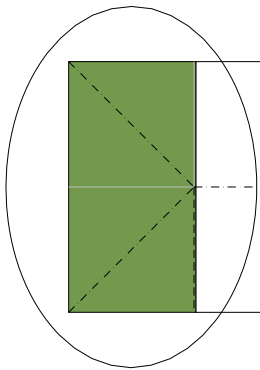
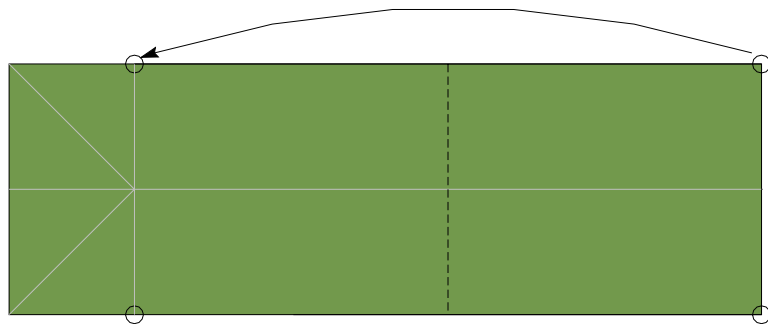
# Xmas tree place marker

Richard Kennedy Dec. 2007

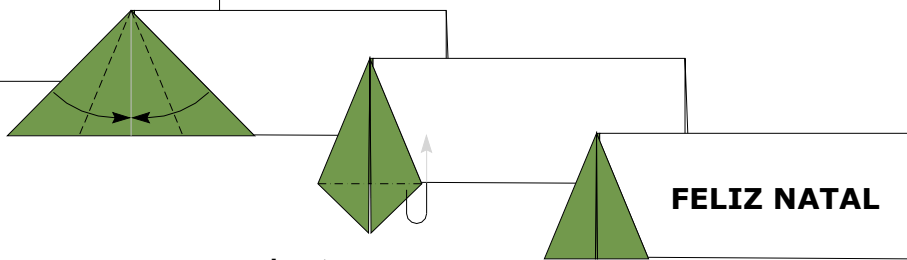
1 X 3 rectangle



unfold



collapse  
(waterbomb)



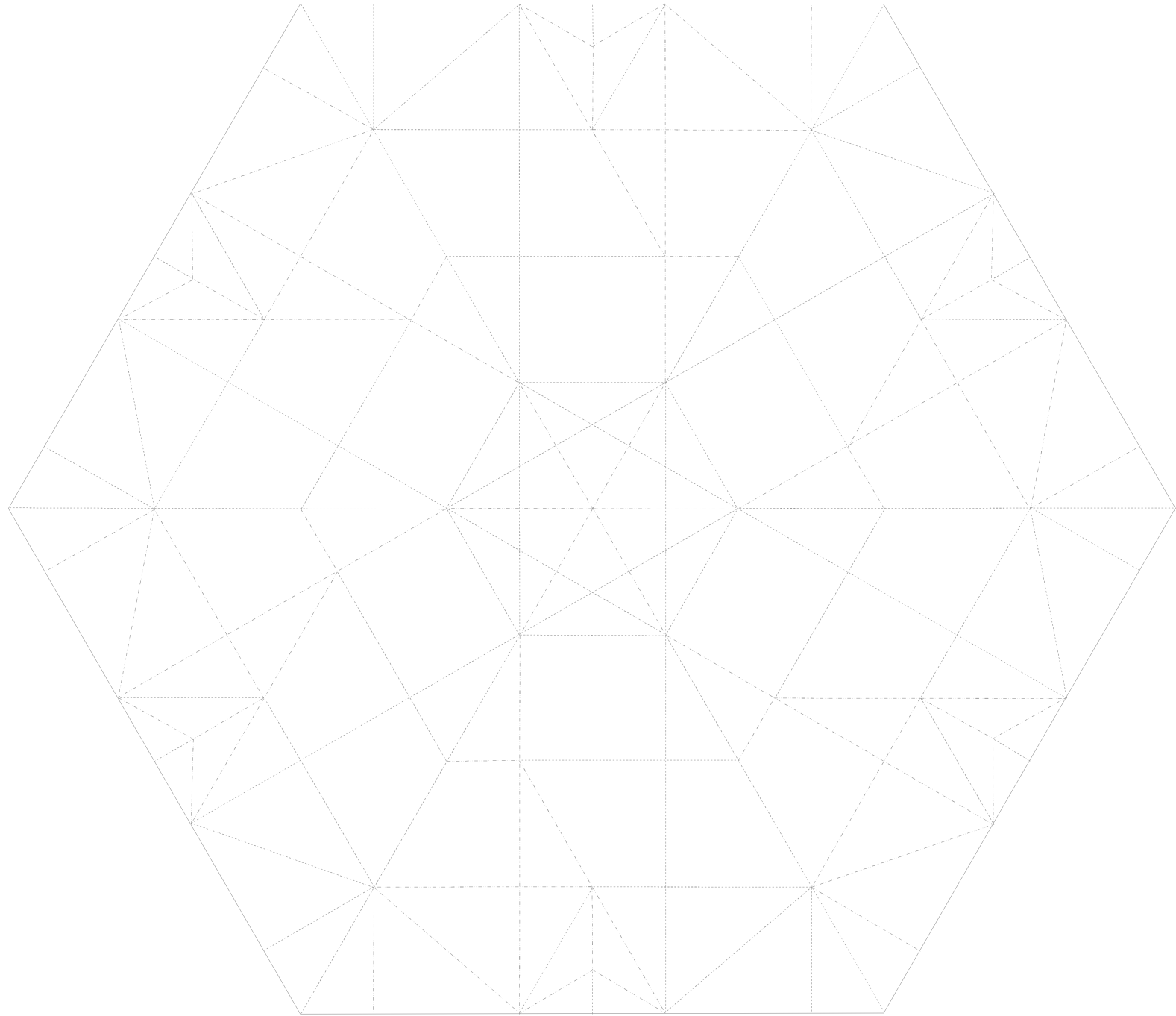
between  
layers

**FELIZ NATAL**

developed from Xmas tree letter  
by Elsje van der Ploeg

# CHRISTMAS STAR BOX

Rosemary LYNDALL WEMMM December 2007

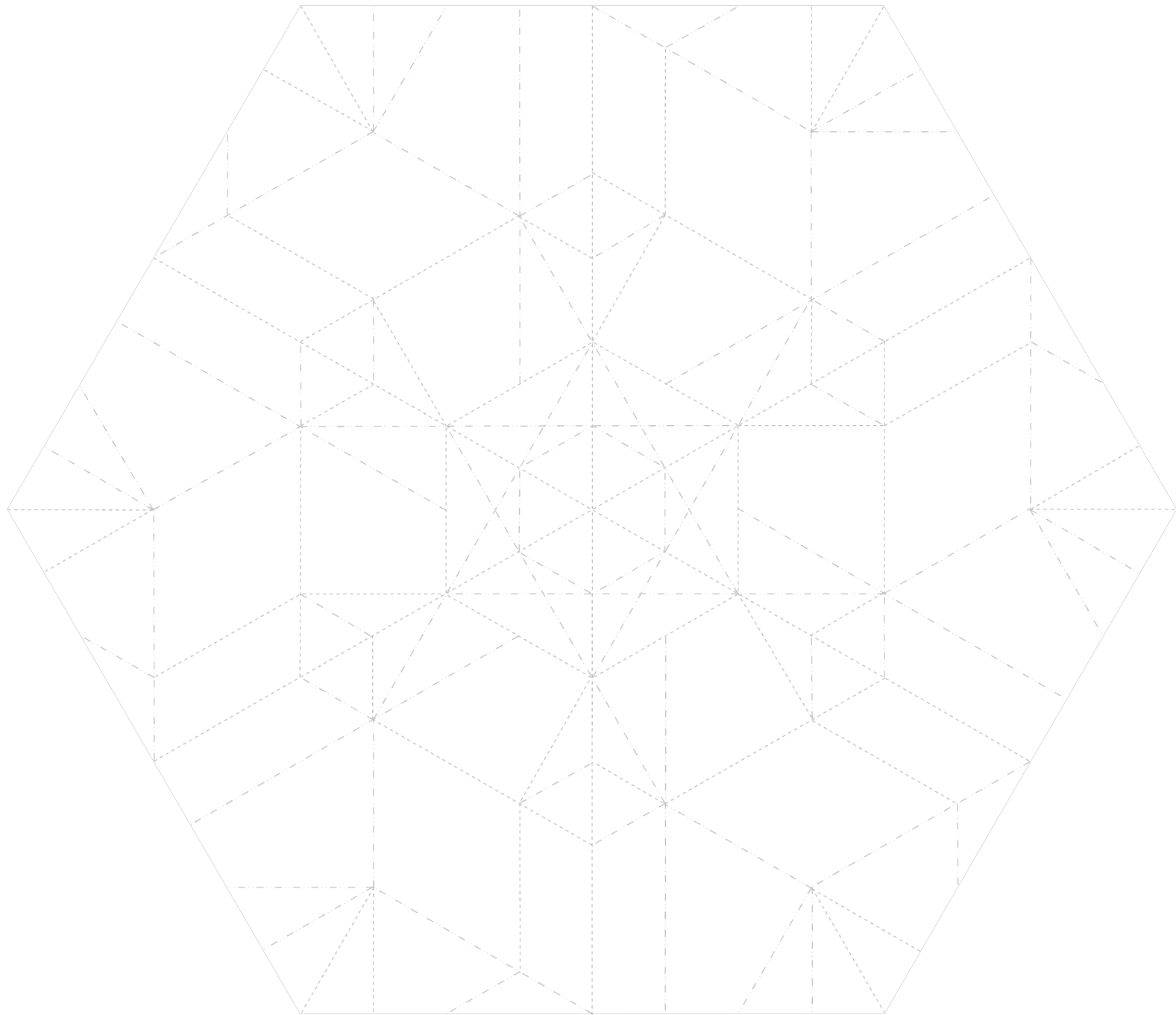


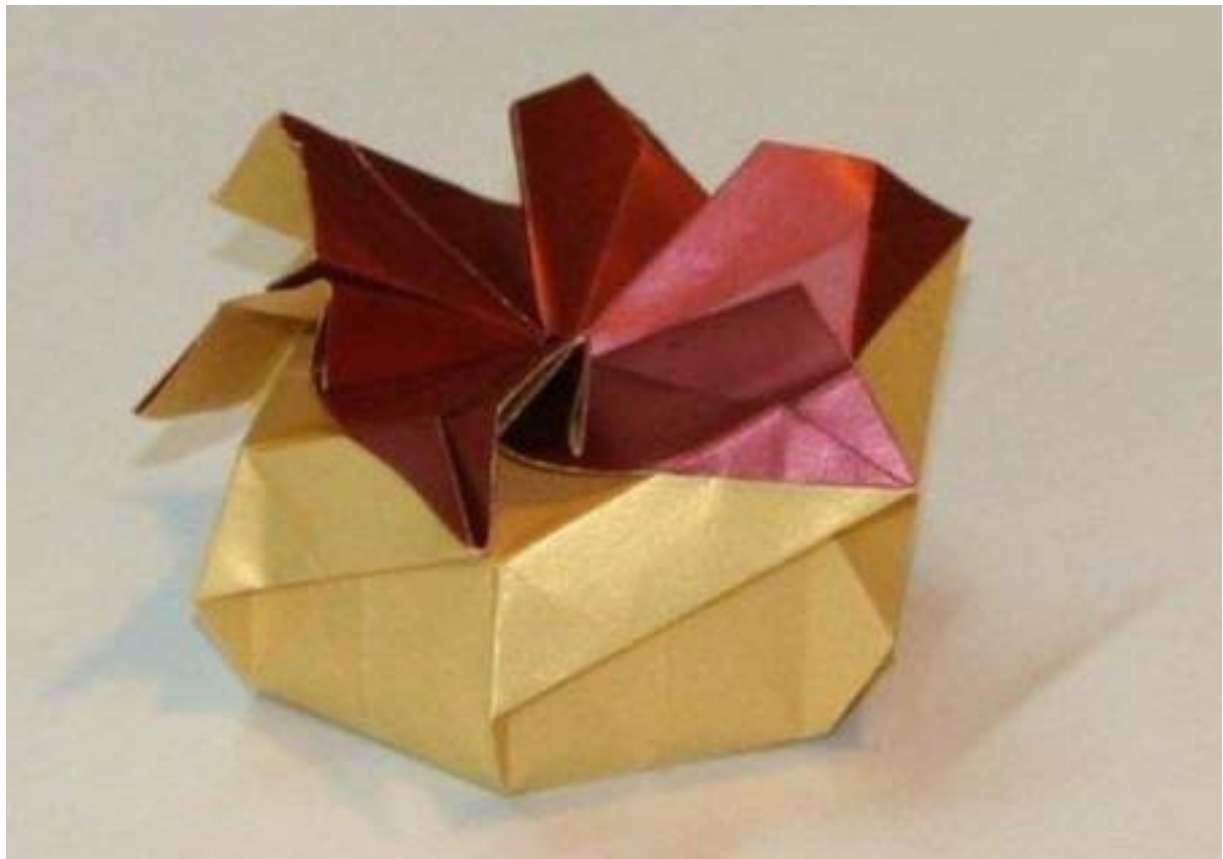
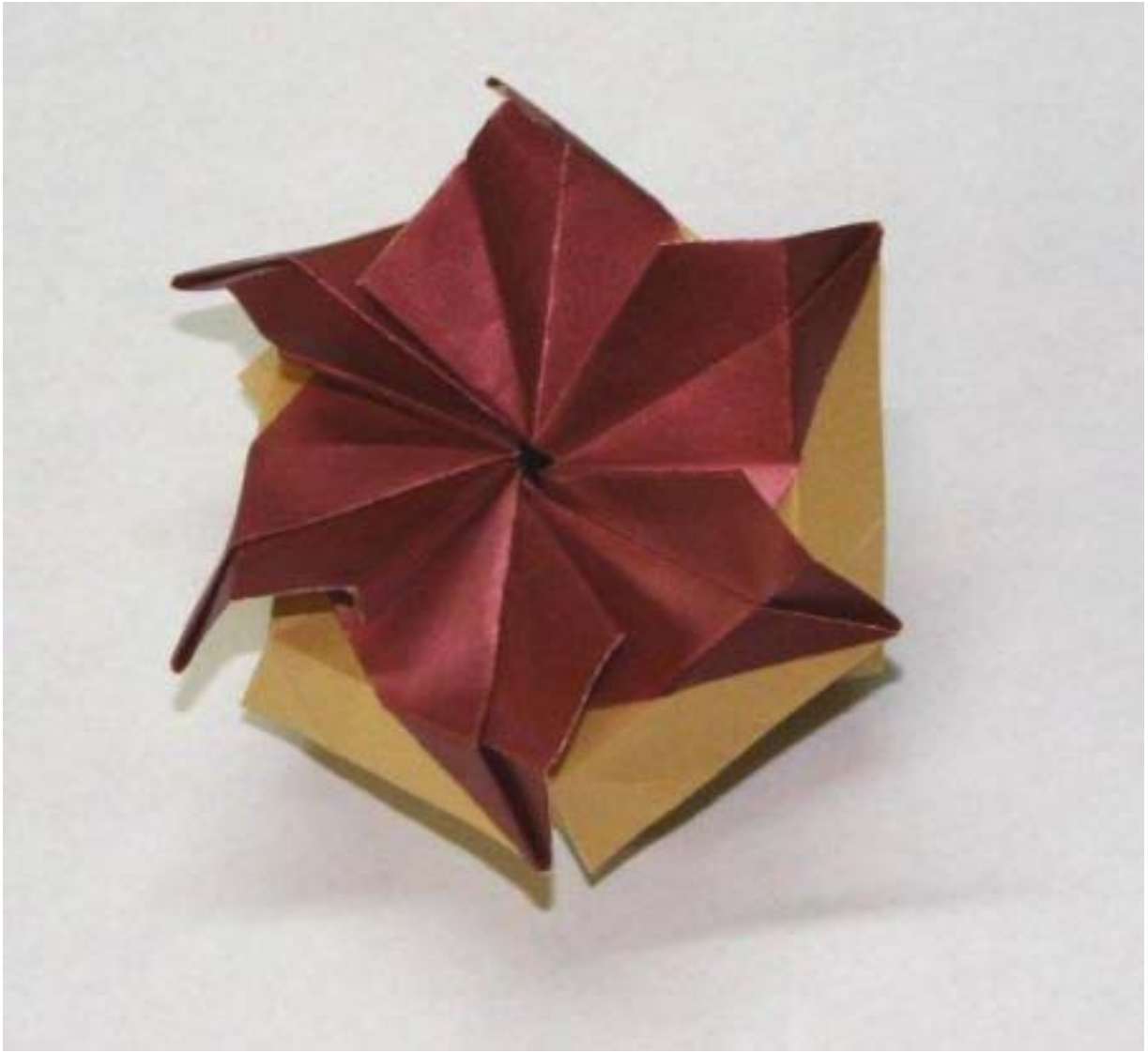




# Poinsettia Box

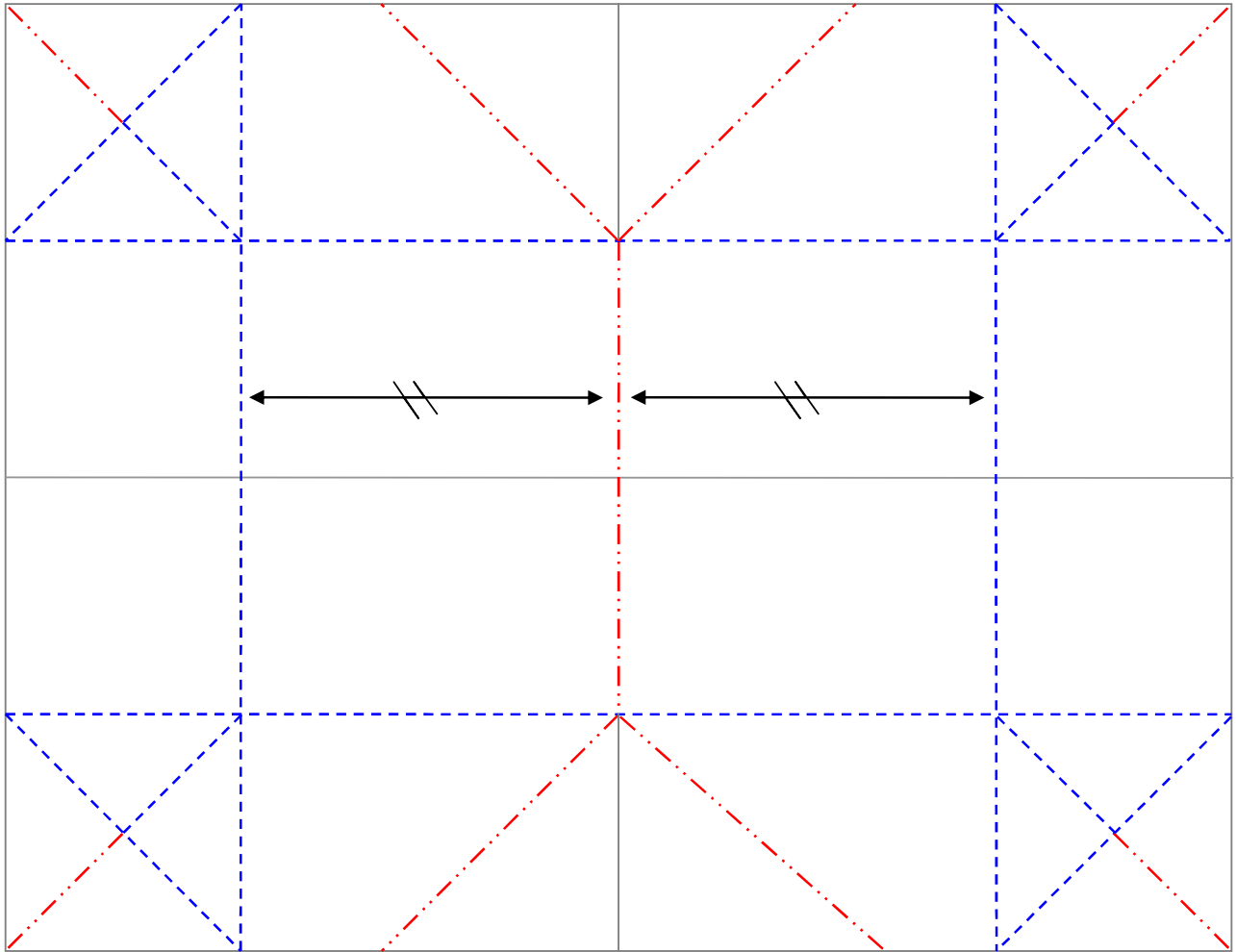
Rosemary LYNDALL WEMM. Dec 2007



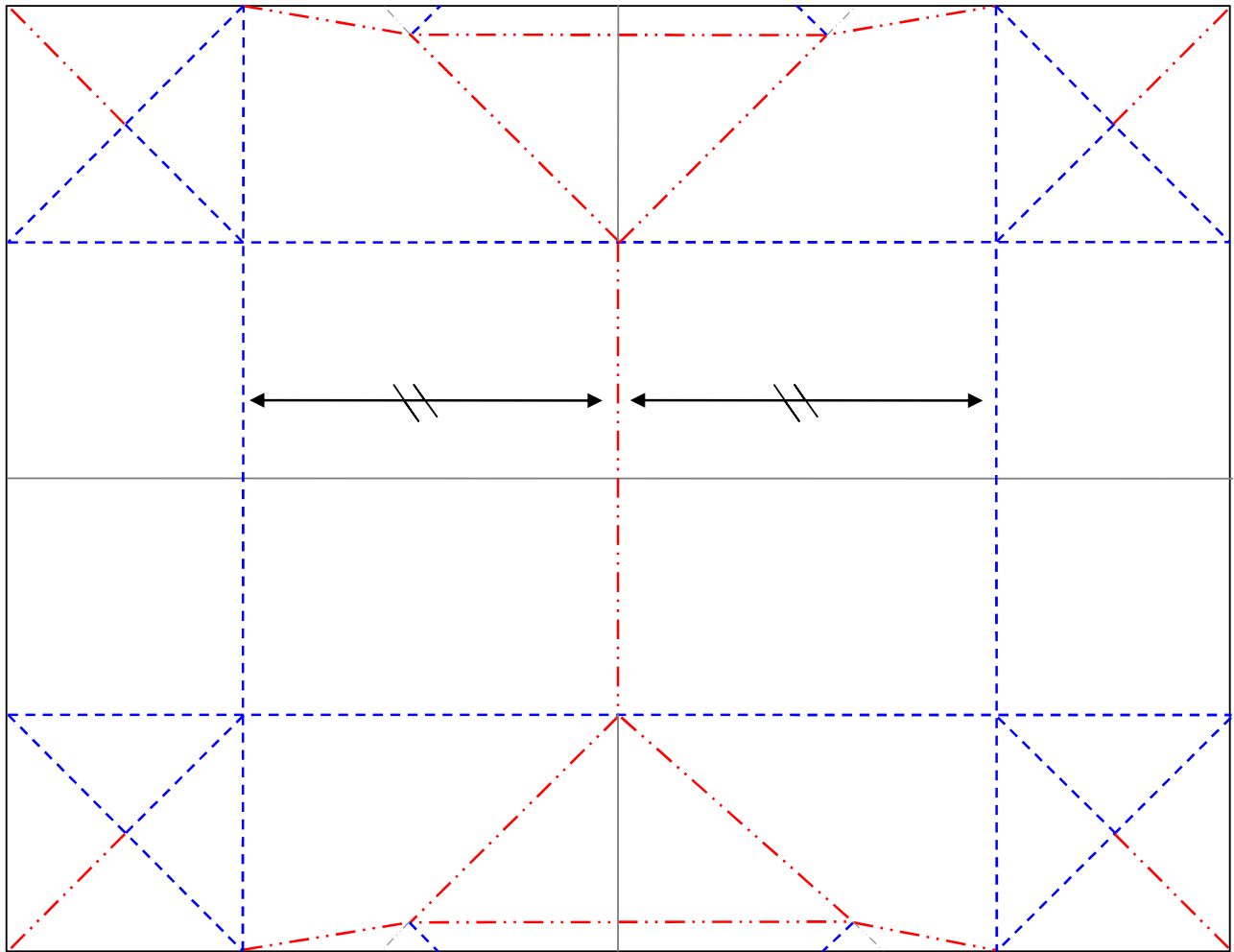


# ORIGAMI CADDY

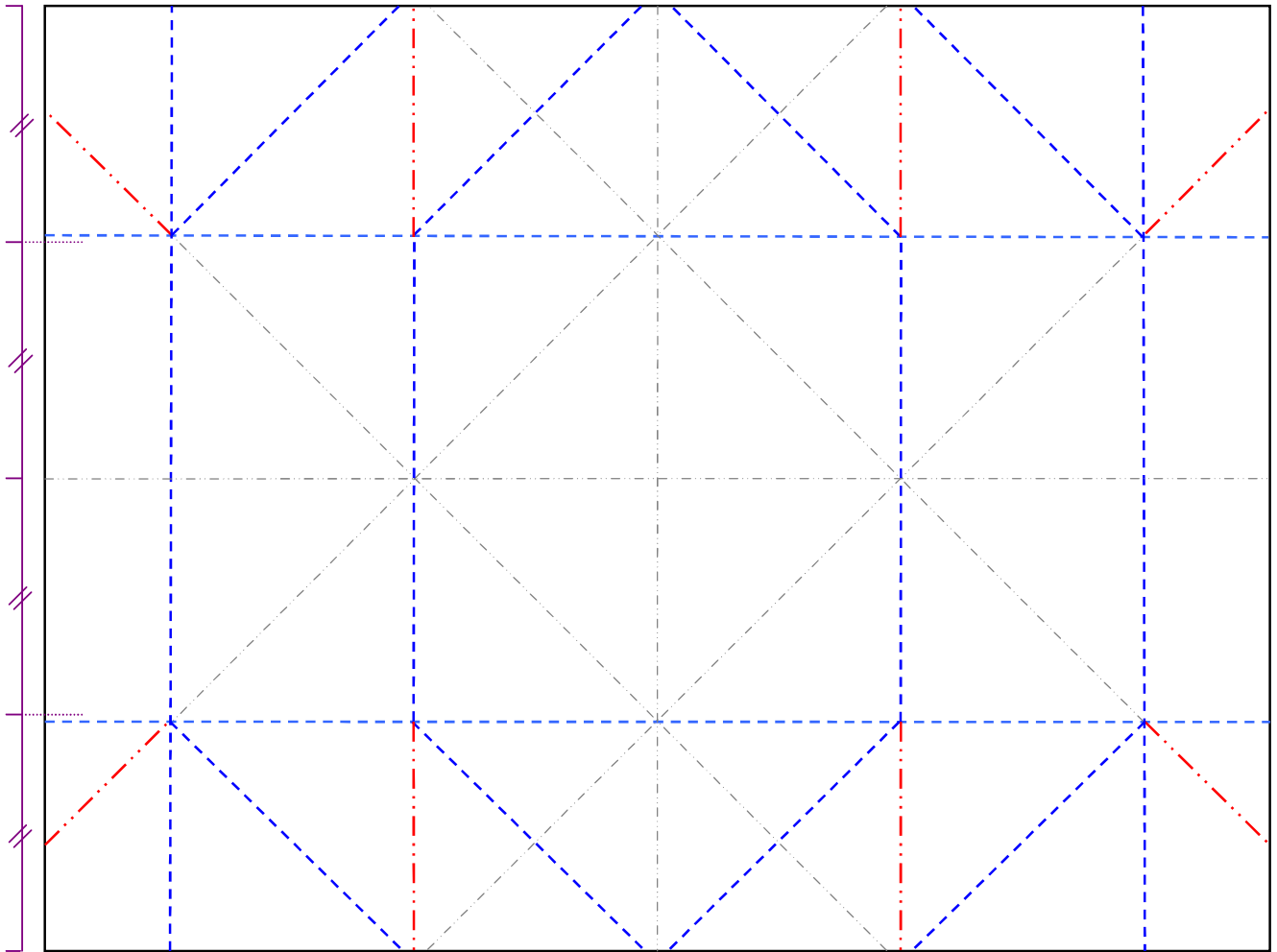
*by Rosemary Lyndall Wemm*



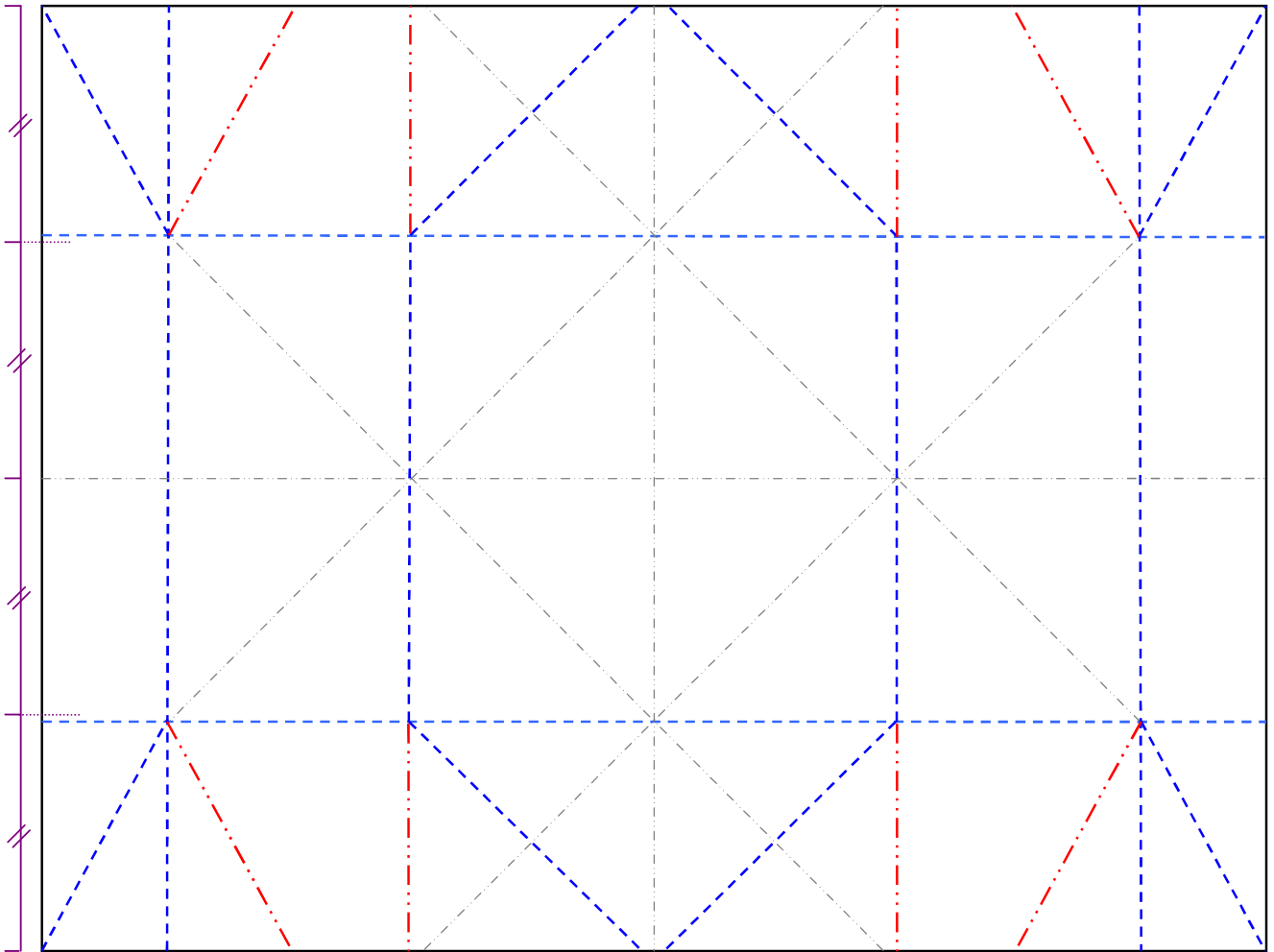
Crease pattern for Inner Divider – Card weight version



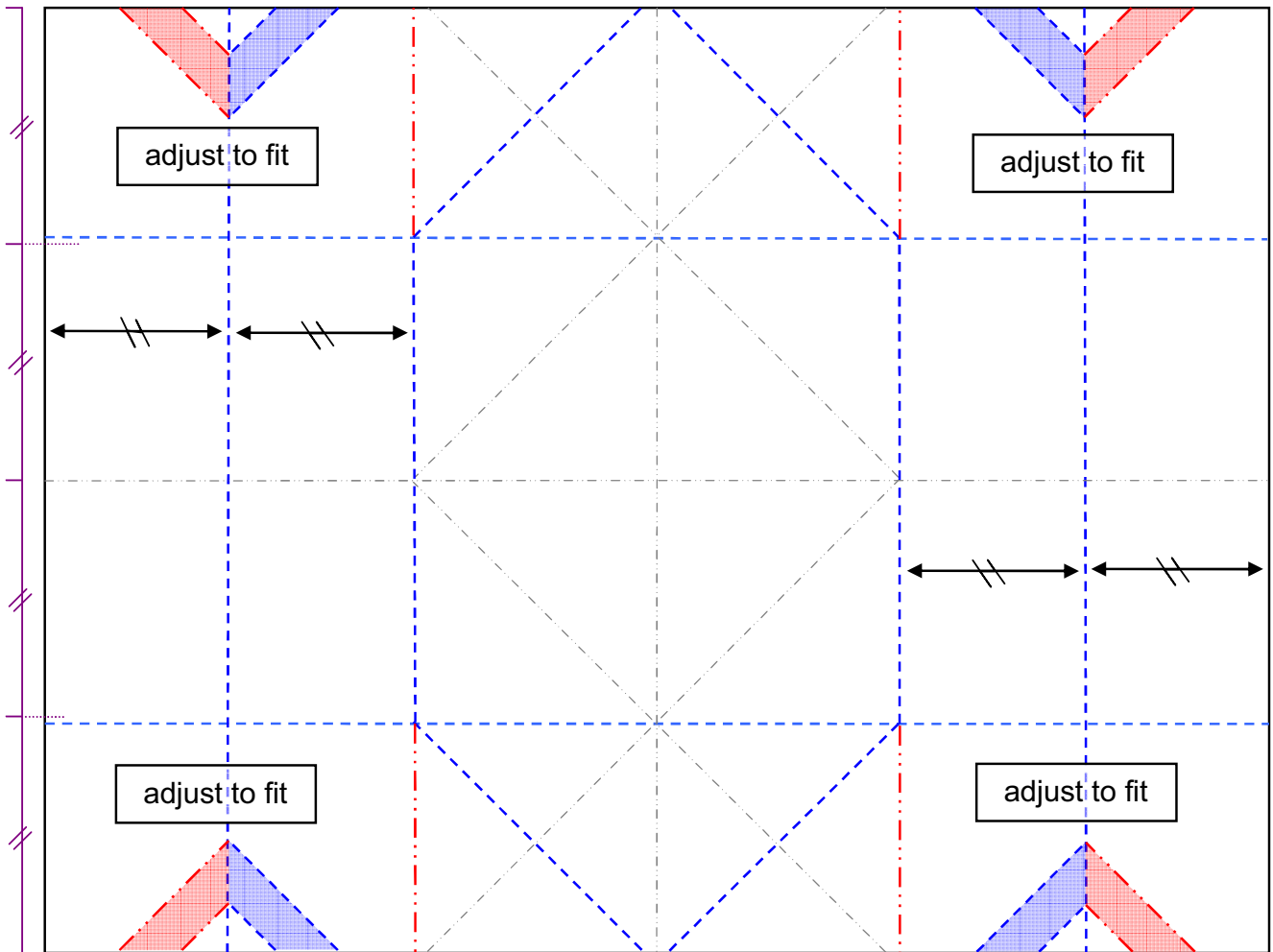
Crease pattern for Inner Divider – Text weight version



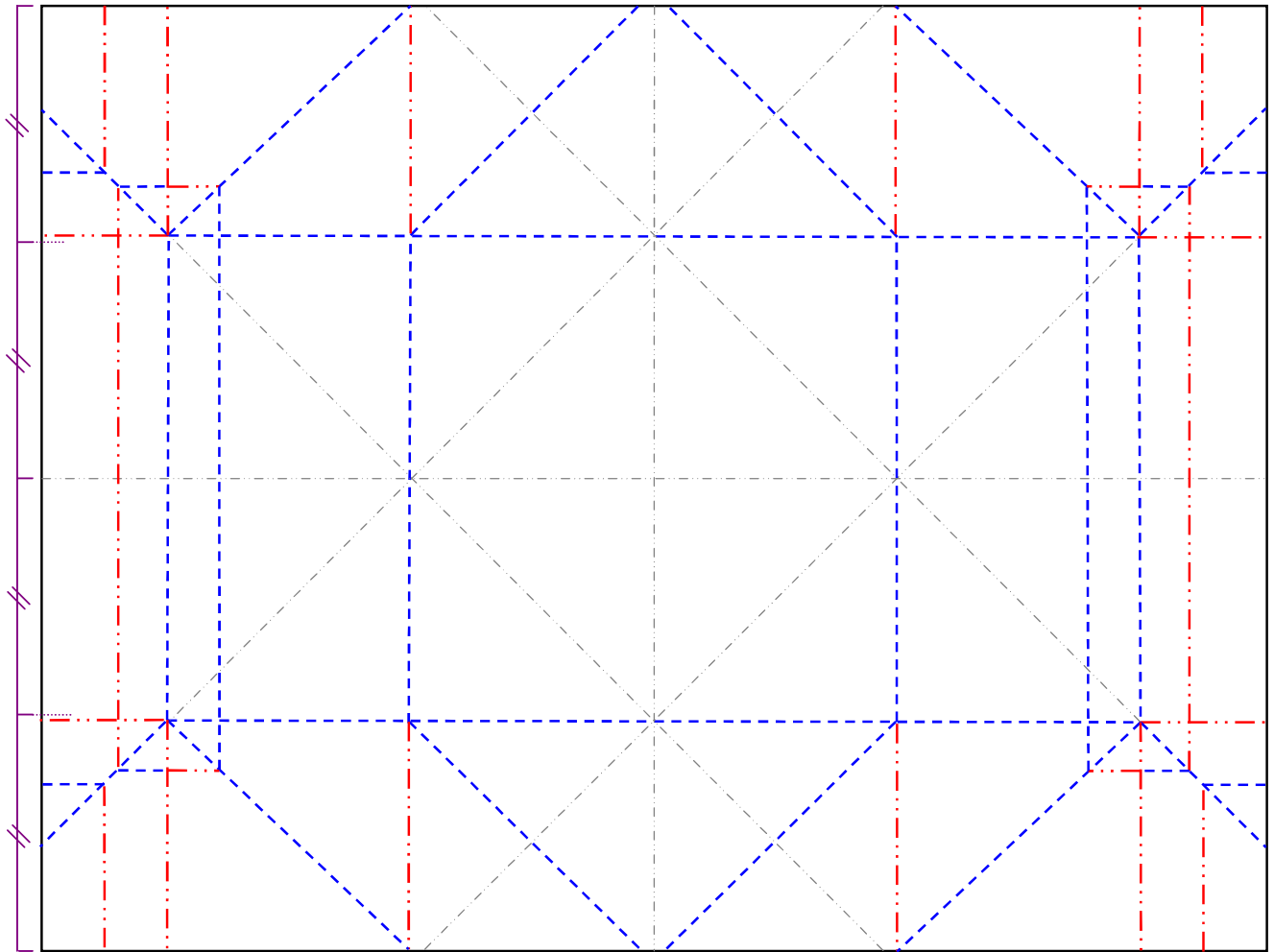
Crease pattern for Skin – Version A-1



Crease pattern for Skin – Version A-2



Crease pattern for Skin – Version B



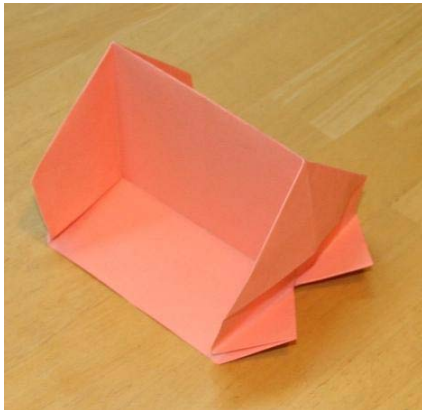
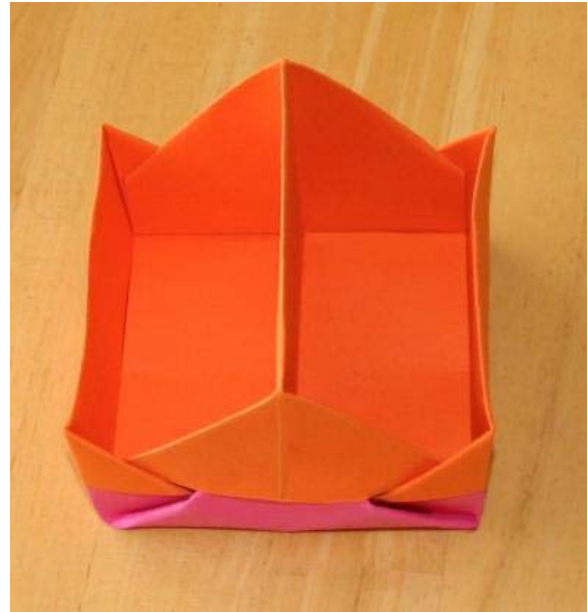
Crease pattern for Skin – Version C



This is a two piece model. There are three versions: one for card (A), one for paper (C) and one which can be used for either (B).

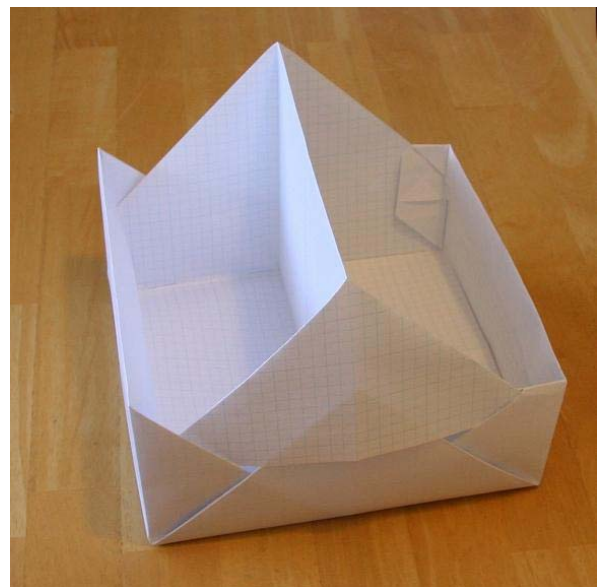


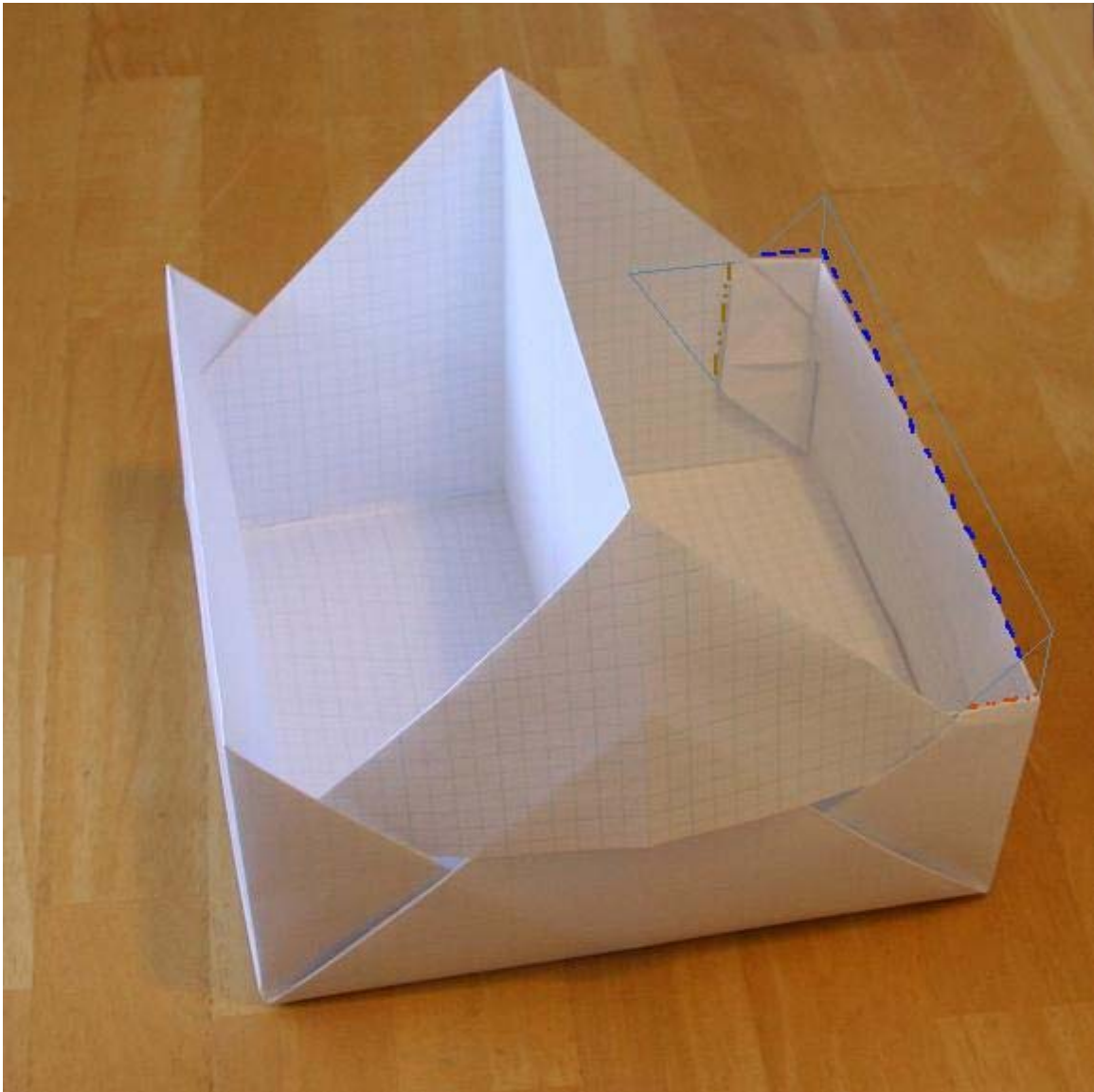
This is the card weight version (A). It is composed of the card weight version of the Inner Divider and the A version of the Outer Skin. As you can see, I needed something to store my Weight Watcher's stuff upright on the kitchen table. It works fine.



This is the card version Inner Divider (made, in this instance, from text weight paper). Note the fact that the triangular feet point outwards. These will be wrapped up in the Outer Skin and bent upwards with the Skin's triangular flap which inserts into the upper triangle of the Inner Divider.

This is a combination of type A and C.



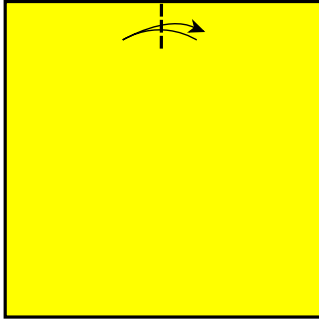
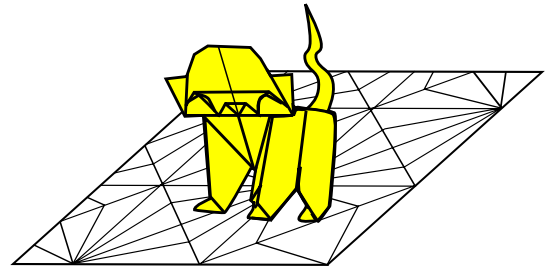


The C design on the right hand side. The flap is folded to fit on either side of the divider wall. (No photos of that yet.) The inner pointed piece is folded so that the visible edge is now parallel to the side wall. Then the side wall is folded over again at a lower height.

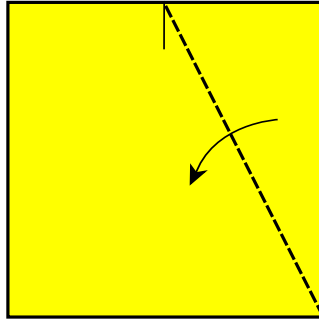
The inner flaps will hide the modified sides of the paper weight divider which, in turn, will provide a much sturdier edge when the bottom triangle is tucked in. This version is not shown here.

# Cat

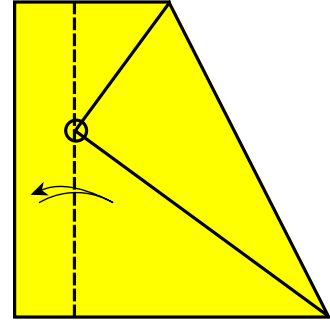
© 2007, Ryan MacDonell  
(Cupcake)



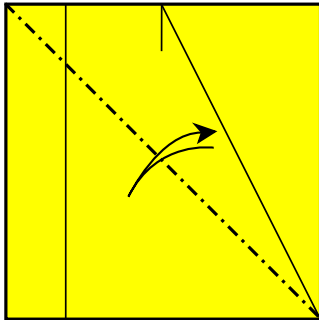
1. Start with a square with color on both sides. Pinch the top corner at the halfway point.



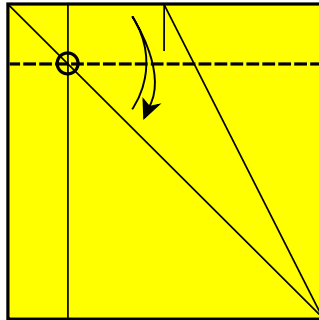
2. Fold from the bottom corner to the top of the line made in step 1.



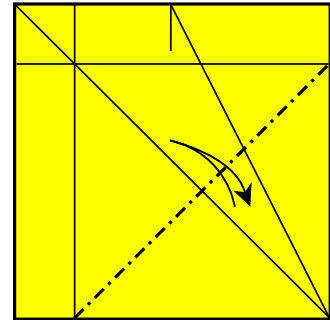
3. Precrease vertically where the point ends up. This is 1/5th of the square.



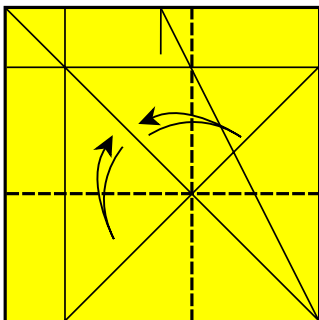
4. Precrease in half diagonally with a mountain fold.



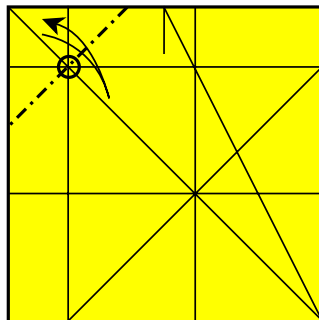
5. Precrease 1/5th from the top. Note the reference point.



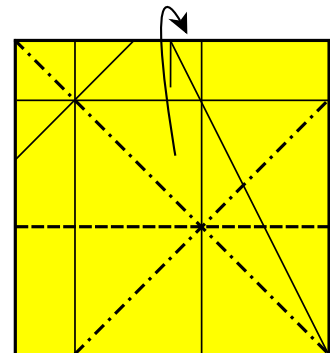
6. Precrease diagonally to the 1/5th point with a mountain fold.



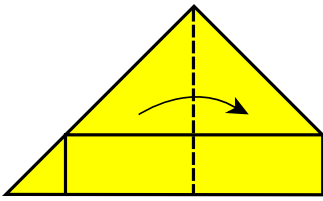
7. Precrease from the bottom and side to the 1/5th lines.



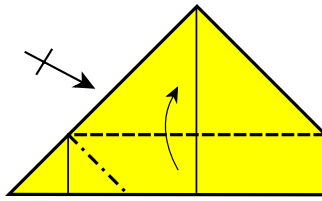
8. Precrease the top corner with a mountain fold. Note the reference point.



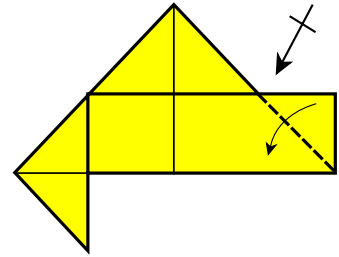
9. Collapse like a waterbomb base.



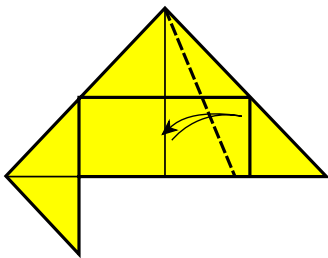
10. Swing one flap to the left.



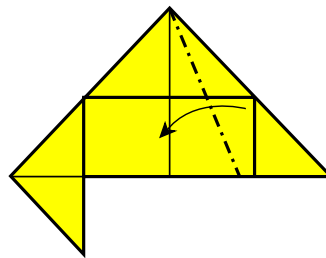
11. Swing one layer up. You will have to repeat behind.



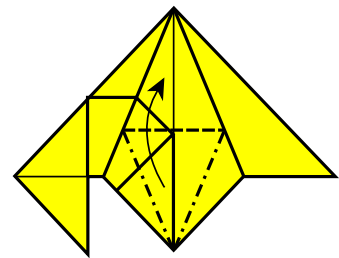
12. Fold down a single layer so that it doesn't get in the way later. Repeat behind.



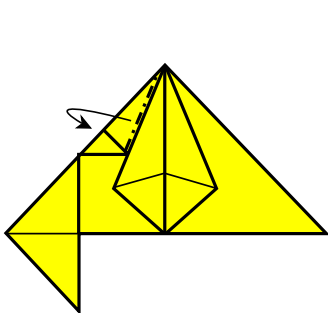
13. Precrease the angle bisector on the top layer.



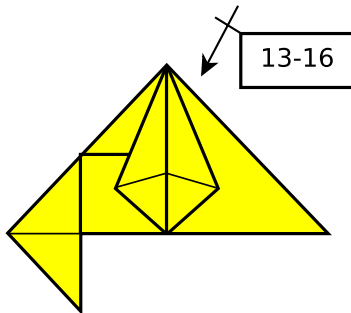
14. Squash fold the top layer.



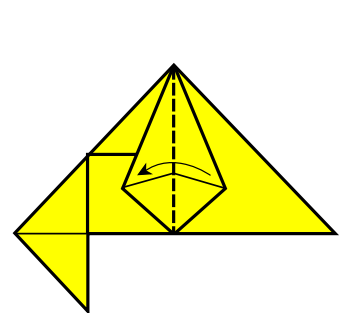
15. Petal fold the squashed layer.



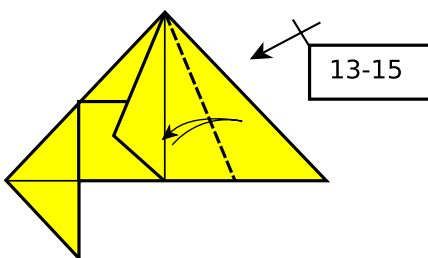
16. Mountain fold the flap behind so that it doesn't get in the way later.



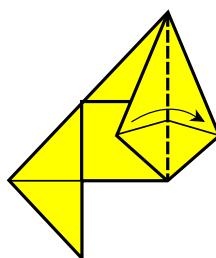
17. Repeat steps 13-16 on the flap behind



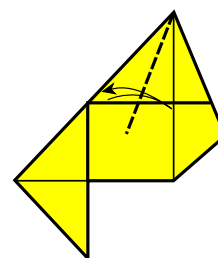
18. Fold one layer to the left.



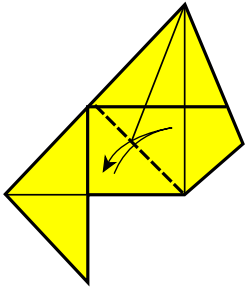
19. Repeat steps 13-15 on the remaining flap



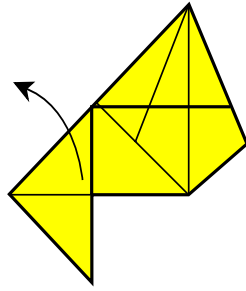
20. Fold two layers to the left



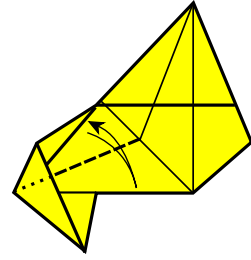
21. Precrease the angle bisector on the large flap. Do not crease the whole way.



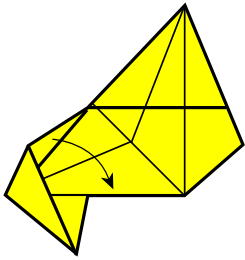
22. Precrease another angle bisector on the large flap.



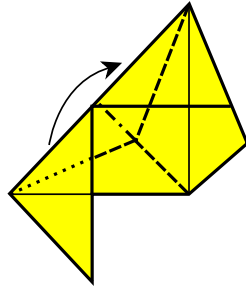
23. Open up the flap.



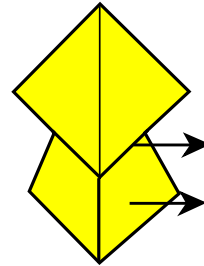
24. Precrease the remaining angle bisector. Do not crease the whole way.



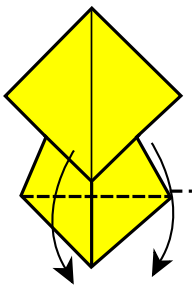
25. Close the flap back up



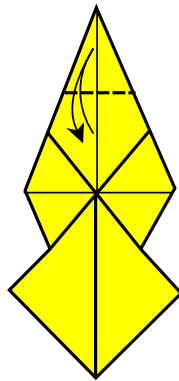
26. Form a rabbit ear with the existing lines.



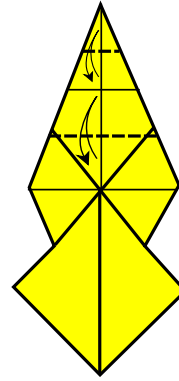
27. Pull out two layers, so that the model is symmetrical.



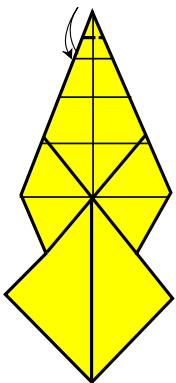
28. Fold a layer down in the front and a layer down in the back.



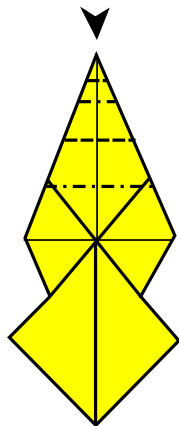
29. Precrease halfway between the top point and the middle point.



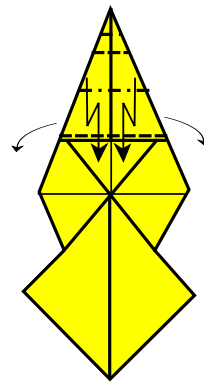
30. Precrease the quarters



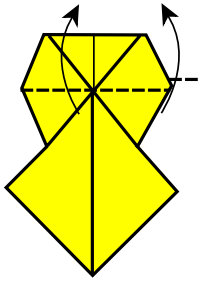
31. Precrease from the top point to the highest precrease made in step 30



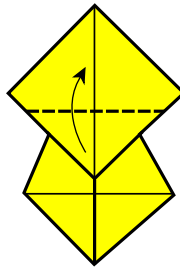
32. Open sink using the lines you just preceased



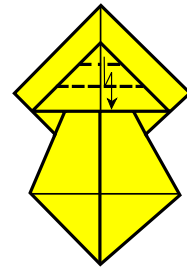
33. Open up the sides and fold the extra two flaps in with the sinks. Then close the sides back up.



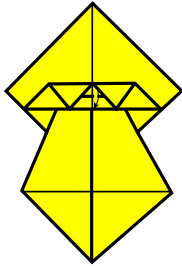
34. Fold the head and tail back up.



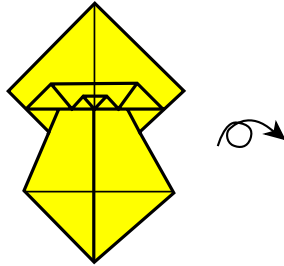
35. Fold the front flap up a little below the halfway point.



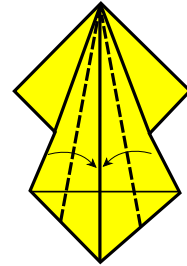
36. Pleat in thirds.



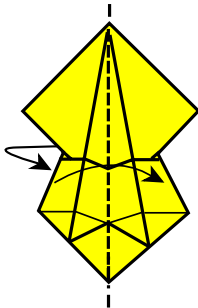
37. Fold the smallest layer in half.



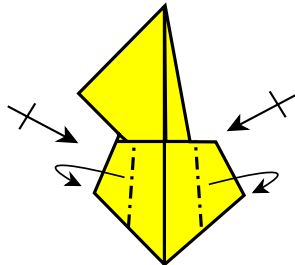
38. Flip model over.



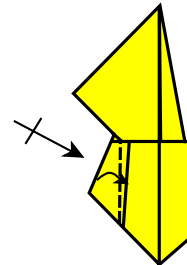
39. Valley fold the angle bisectors.



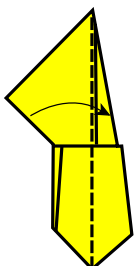
40. Valley fold two layers to the right on the front and two layers to the left on the back.



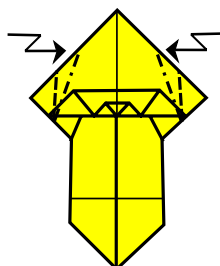
41. Mountain fold the front layer behind. Repeat behind.



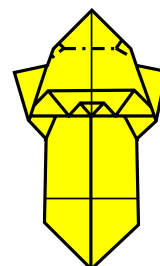
42. Tuck the layer layer into the pocket (with the other layers). Repeat behind.



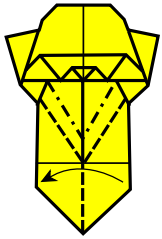
43. Valley fold two layers to the side.



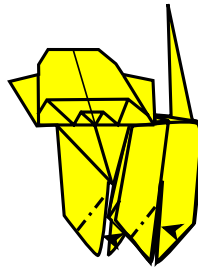
44. Pleat to form ears.



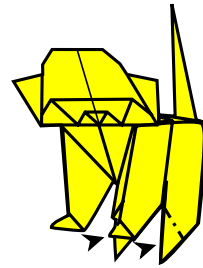
45. Mountain fold the top behind, with little rabbit ears on each end.



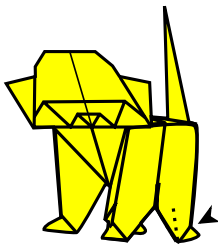
46. Fold the two layers back, but don't fold the head in half. Now the model will be 3D.



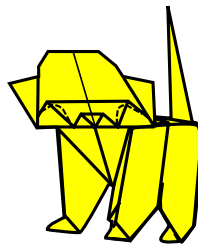
47. Inside reverse fold the front feet forward.



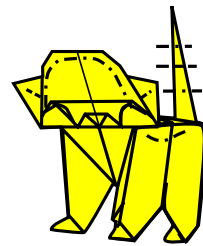
48. Inside reverse fold the back feet.



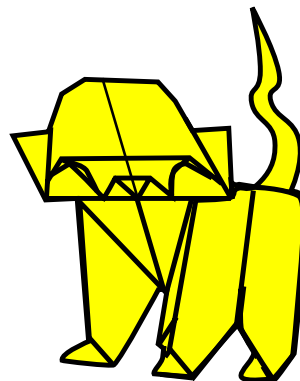
49. Inside reverse fold the back feet again.



50. Round the eyes.



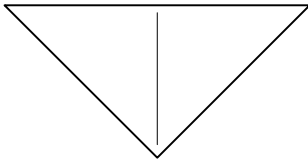
52. Curl the tail. Shape the head, ears and back.



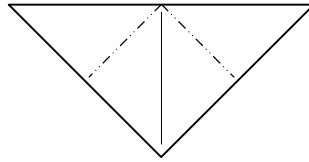
53. Finished model

# Cuervo

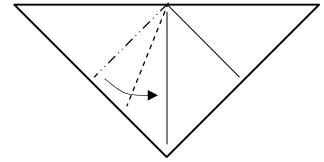
Por: Sebastian Arellano



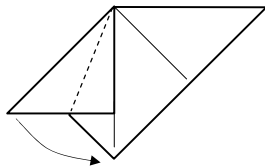
1. Empieza con un triángulo, la mitad de un cuadrado. Color blanco arriba



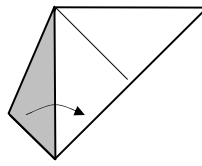
2. Marca la mitad de los triángulos laterales



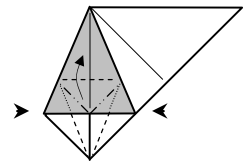
3. Haz un pliegue en acordeón



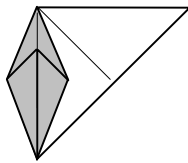
4. Dobra la esquina hacia abajo



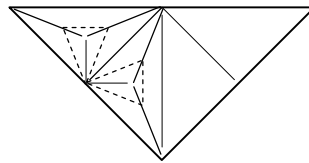
5. Rota una capa hacia la izquierda



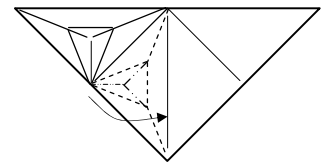
6. Pliegue de pétalo



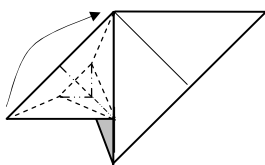
7. Desdobra hasta el paso 2



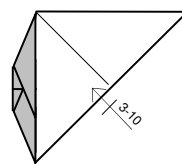
8. Marca las bisectrices



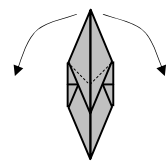
9. Colapsa por los dobleces marcados



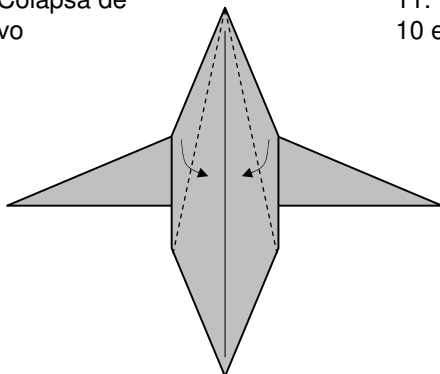
10. Colapsa de nuevo



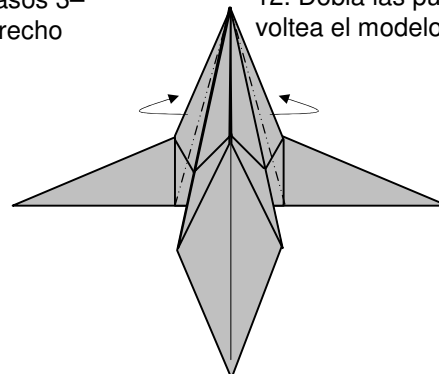
11. Repite los pasos 3-10 en el lado derecho



12. Dobra las puntas y voltea el modelo

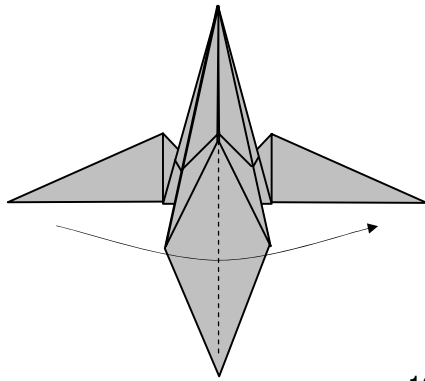


13. Dobra hacia la línea de la mitad.

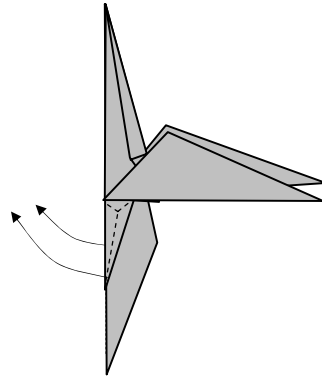


14. Dobra hacia atrás las esquinas sobrantes.

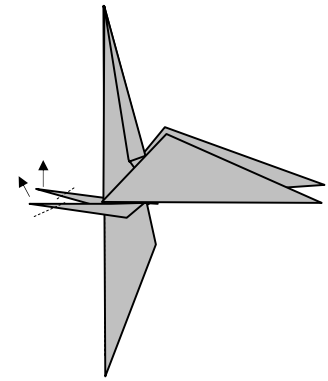




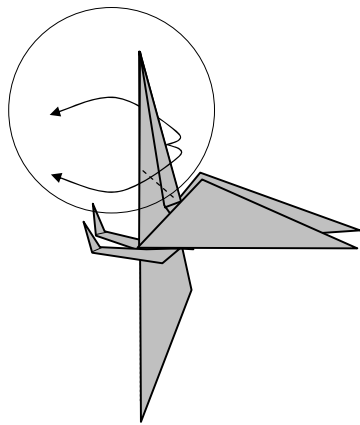
15. Dobla por la mitad



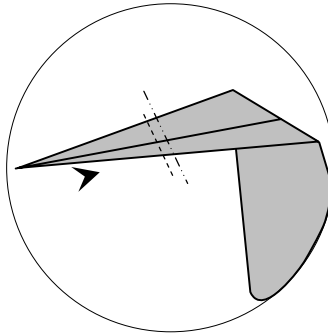
16. Oreja de conejo en las dos patas



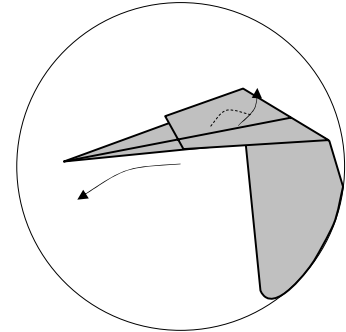
17. Detalle de los patas



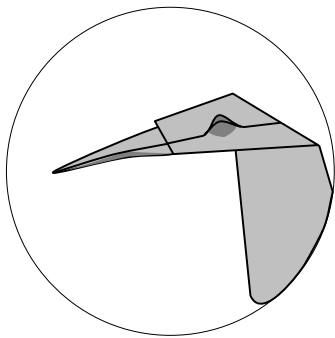
18. Voltear la punta de la cabeza.



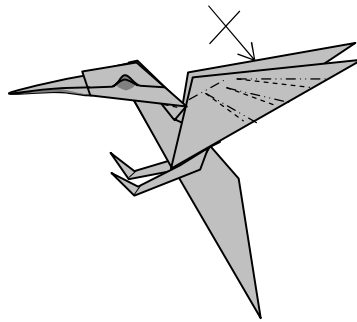
19. Vista ampliada, hacer el pico con un zig-zag.



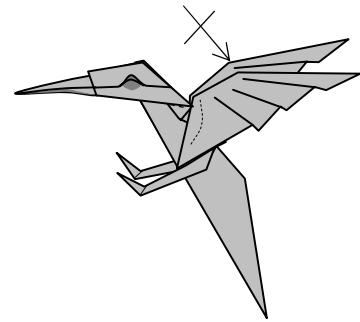
20. Formar el ojo y dar los demás detalles.



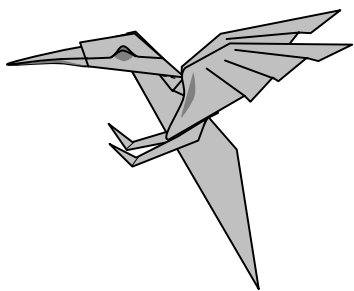
20. Cabeza terminada.



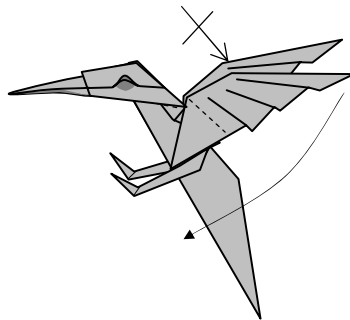
21. Redondear la esquina del ala y doblar las plumas



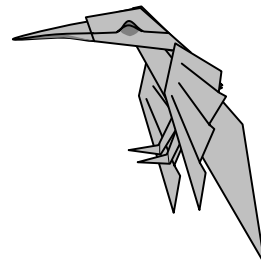
22a. Doblar el borde del ala formando el brazo



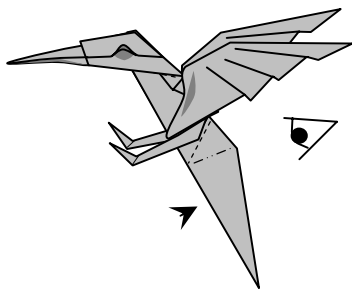
23a. Esta es una forma de ala



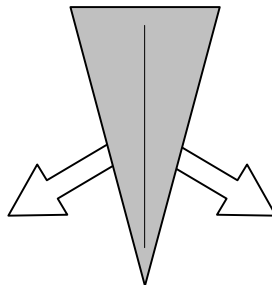
22b. Doblar el ala hacia abajo



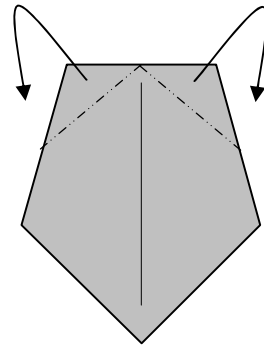
23b. Esta es otra forma de ala



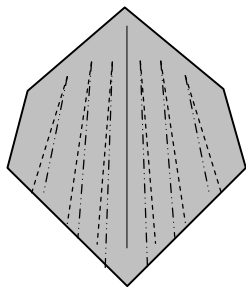
24. Abrir la cola



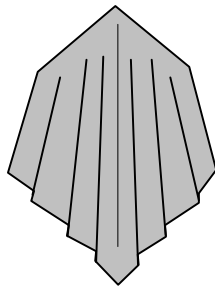
25. Sacar papel desde atrás



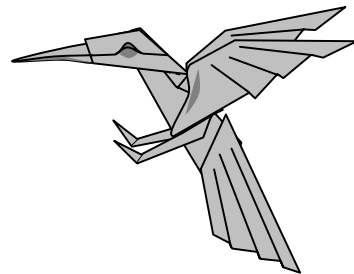
26. Doblar las esquinas hacia atrás



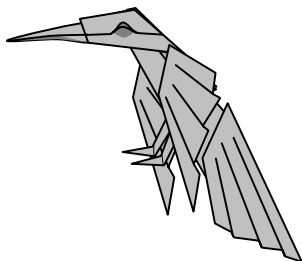
27. Doblar las plumas de la cola



28. Algo así queda la cola

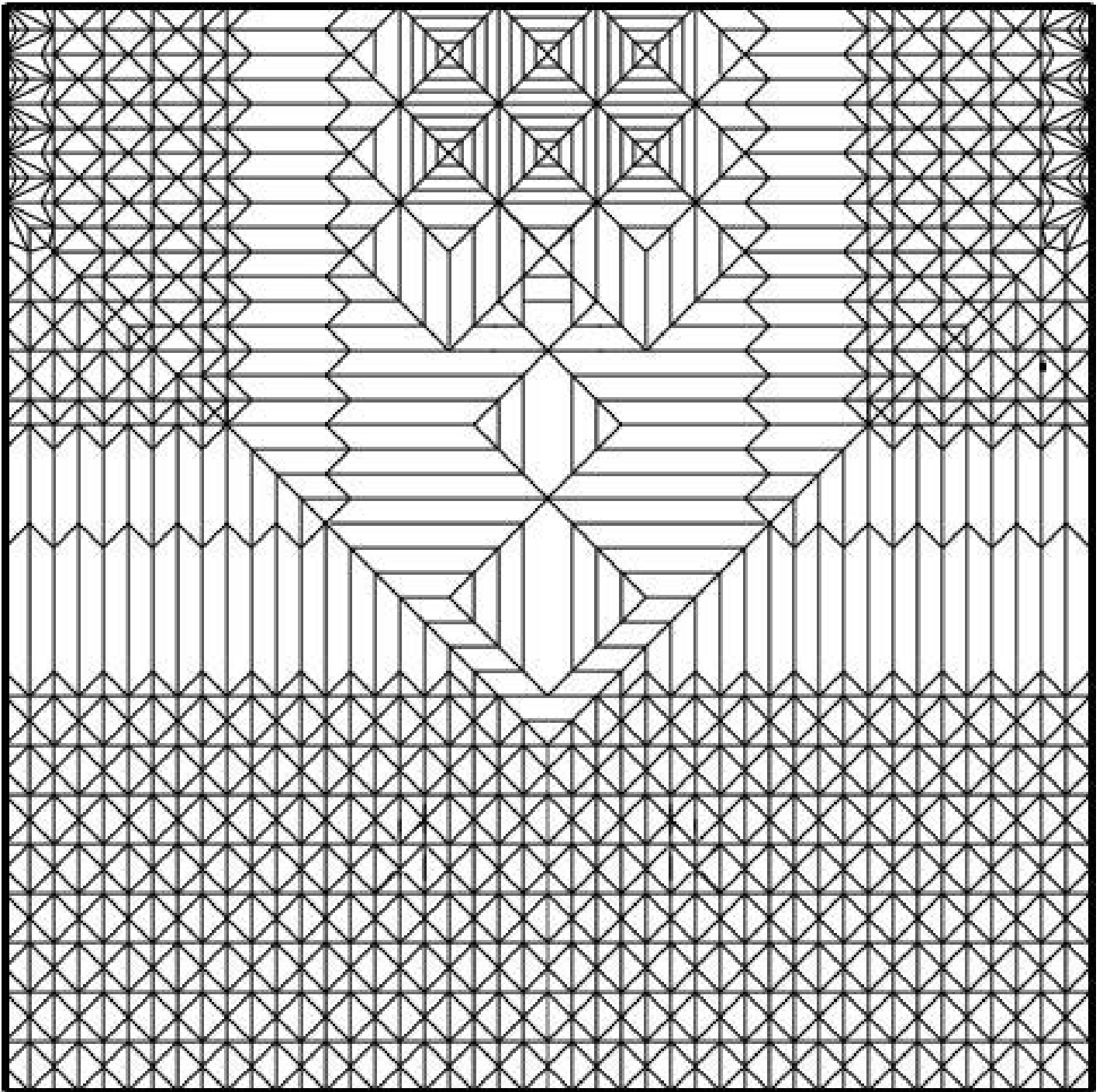


29. ¡Ya está!



30. También así, por supuesto

# Araknoid - Snow Queen



19.11.7

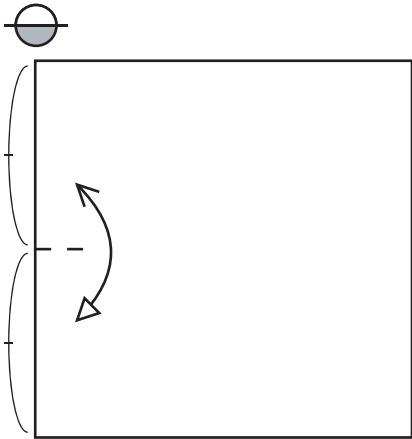
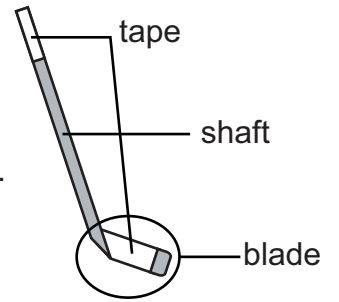
snow queen  
araknoid.livejournal.com



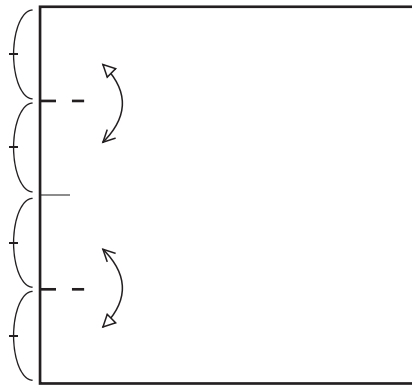
# HOCKEY STICK

By Stéphane GERARD (aka Eikichi ~ <http://orizuka.free.fr>)

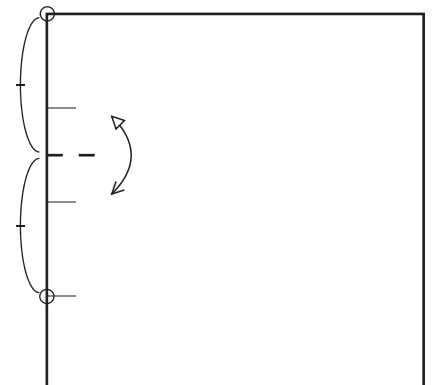
In order to have a quite realistic stick, you should a 10x10 inches tissue foil paper. Choose brown, black or red for the shaft and white or black for the tape.



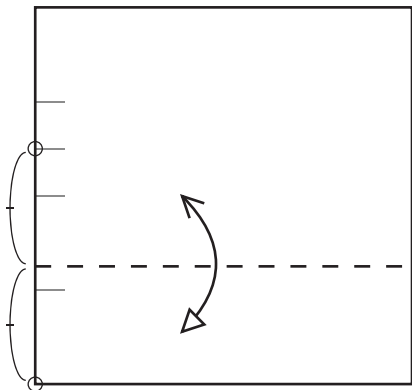
1- Start with tape color up. Pinch the side.



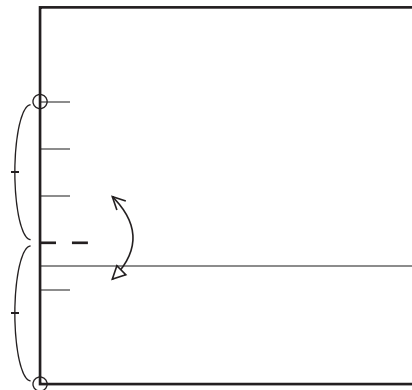
2- Again.



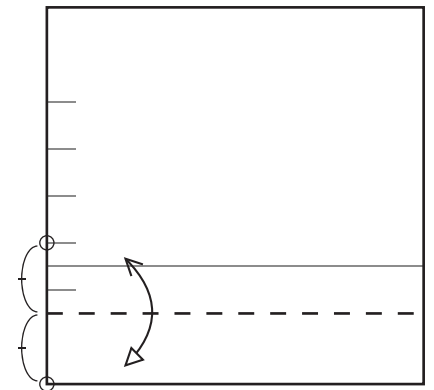
3- Again. Look at the reference points.



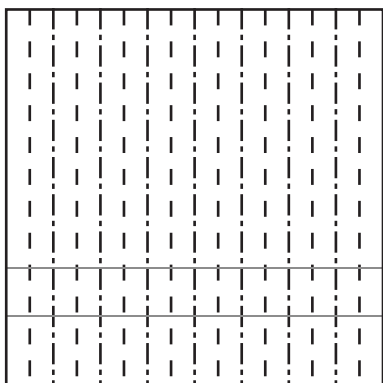
4- Fold and unfold all way through.



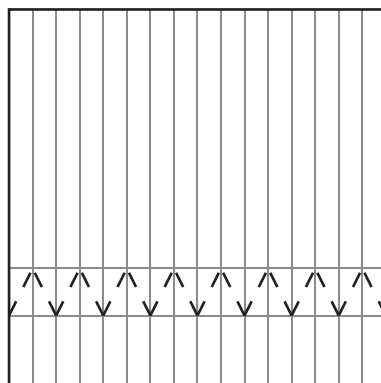
5- Pinch the side.



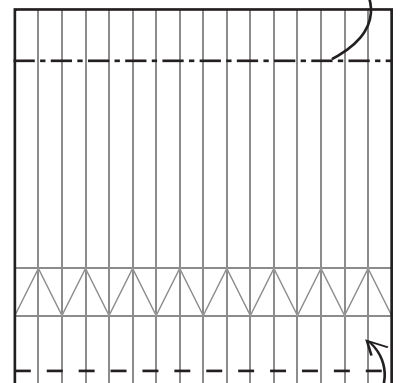
6- Fold and unfold all way through.



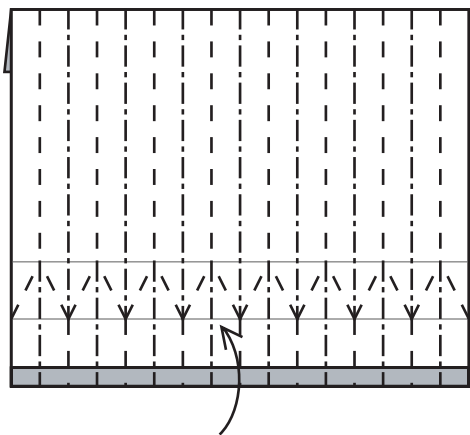
7- Add mountain and valley folds to divide in 16ths.



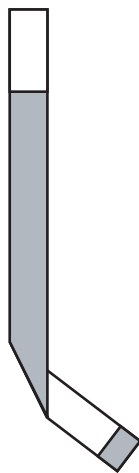
8- Add in valley folds.



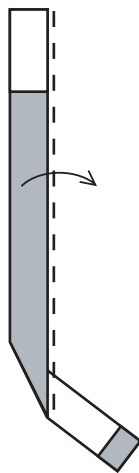
9- No reference for these folds.



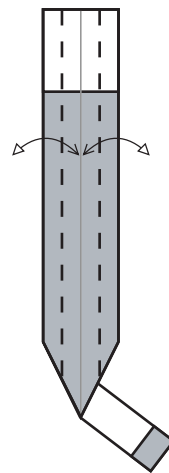
10- Collapse, inside-reverse folding the blade.



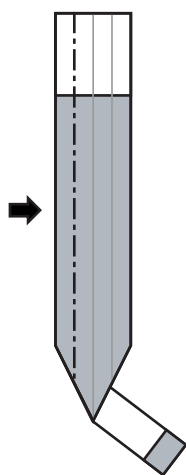
11- Like this.



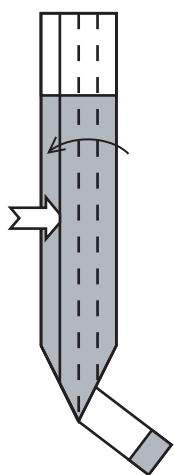
12- Open one flap to the right.



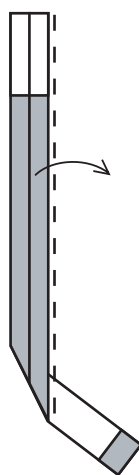
13- Fold and unfold to the middle.



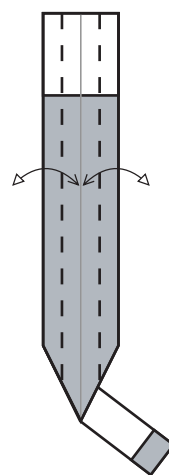
14- Closed-sink.



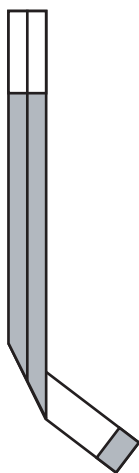
15- Insert right flap in left pocket.



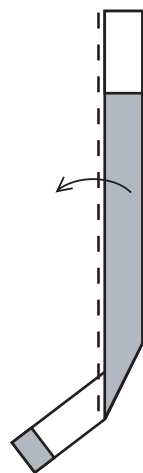
16- Open two flaps to the right.



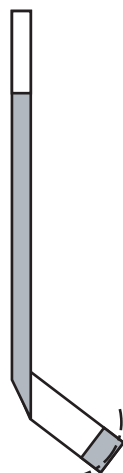
17- Repeat 13-15.



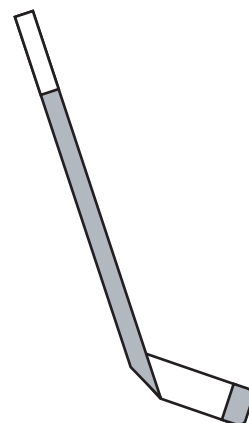
18- Like this. Return.



19- Repeat 12-17.



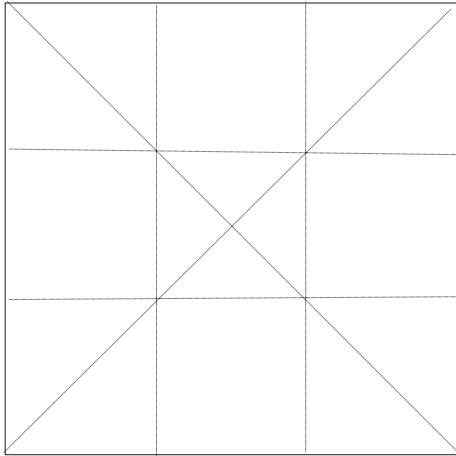
20- Round the tip of the blade.



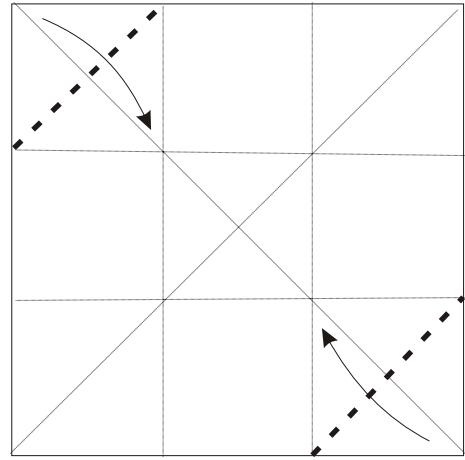
21- You're done !

# Pin wheel Cube -I

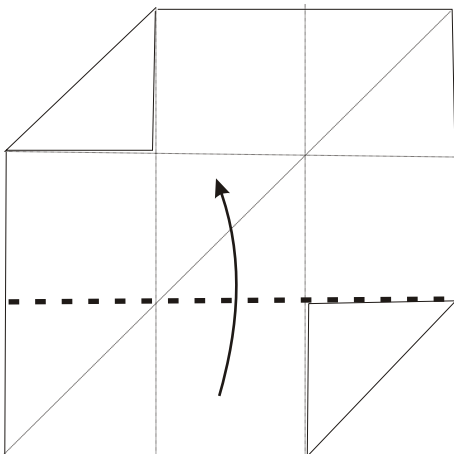
- Swapnil Shinde, India



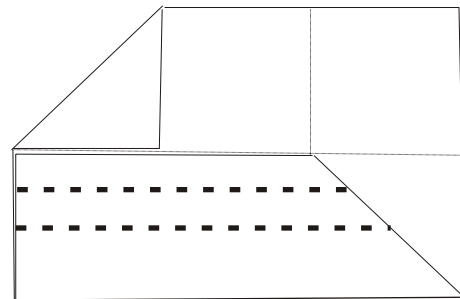
1. Make grid of 3 x 3.



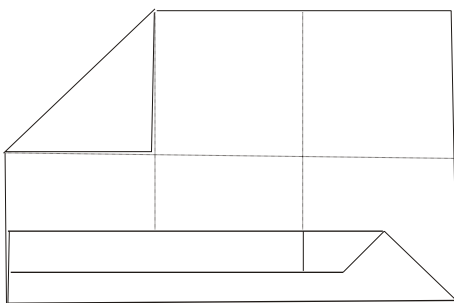
2.



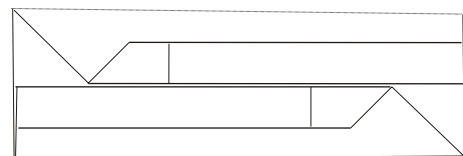
3.



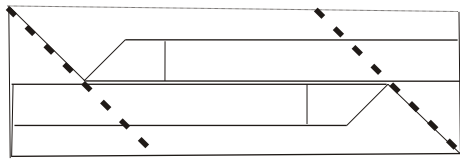
4. Fold & Roll over.



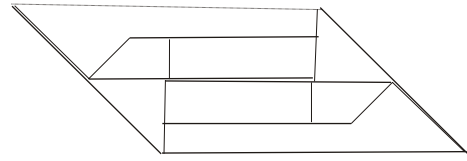
5. Repeat step 4 on the other side.



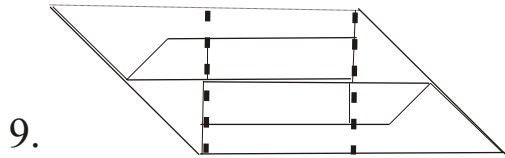
6.



7. Fold the corners & tug in below the upper flaps.



8.



9.

Unit is Ready.  
Make such 6 units and then assemble.

## Assembly

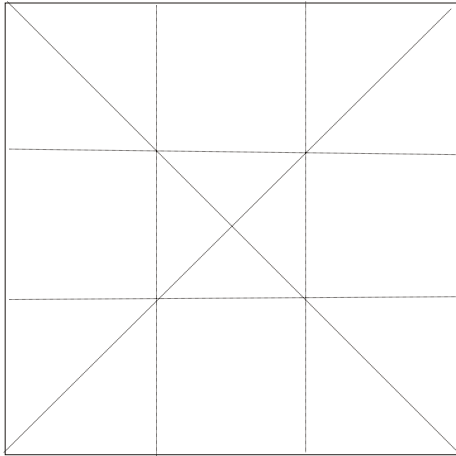
Assembly is similar to our regular six unit cubes of sonobe.  
Try and see the output.....!!!!!!



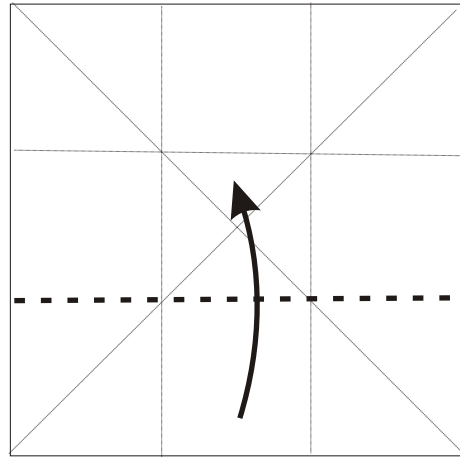


# Pin wheel Cube - II

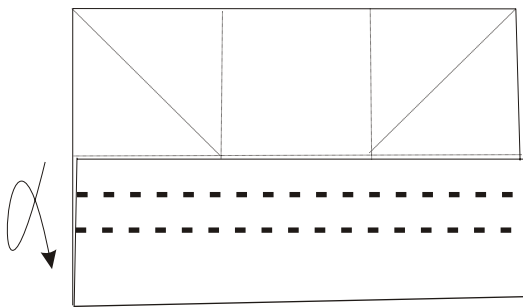
- Swapnil Shinde, India.



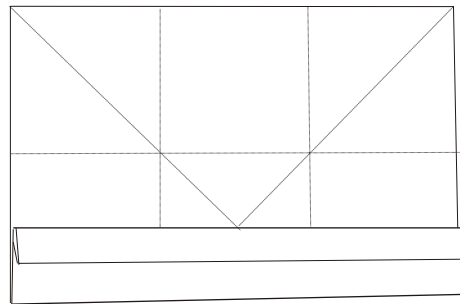
1. Make grid of 3 x 3.



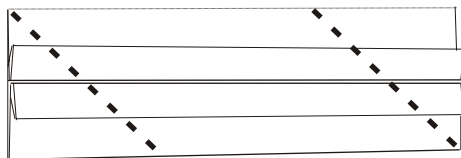
2.



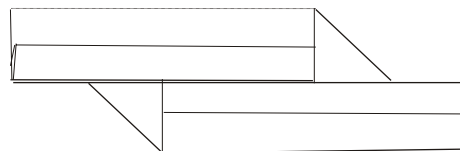
3. Fold & then roll over



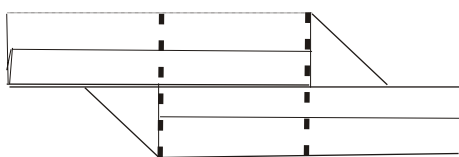
4.



5. Fold the corners & tug below the upper flap



6.



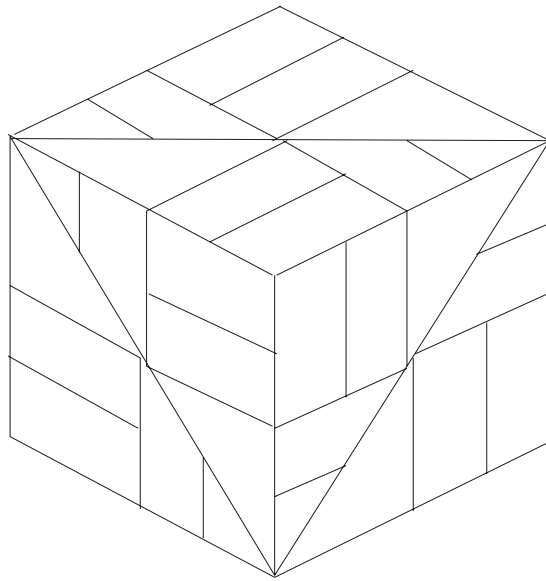
7.

Unit is ready.  
Make such 6 unit and  
then assemble.

## Assembly

Assembly is similar to regular 6 unit cube.

Try & see the output.....!!!!!!!



© Swapnil Shinde.2005.

# Thomas Kaehn - Einfache Kiste

Dieses Modell habe ich vor langer Zeit als Kind entwickelt. Ziel war eine stabile Kiste mit zweilagiger Seitenwand. Mangels Internetzugang kannte ich damals die Masu-Box noch nicht. Das Design ist so einfach, dass sicherlich schon andere solch eine Kiste entwickelt haben.

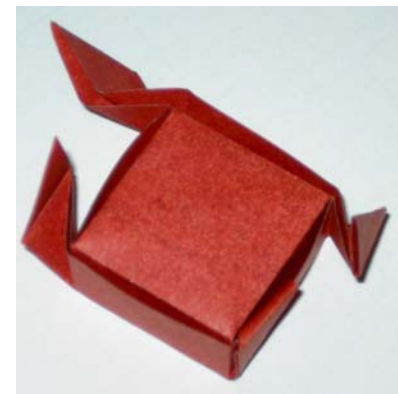
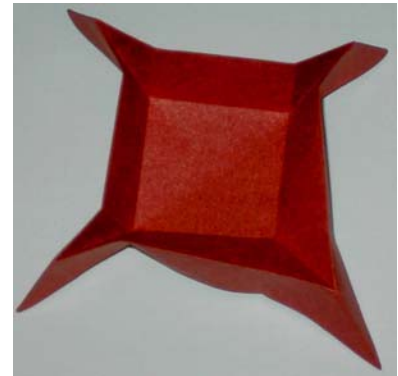
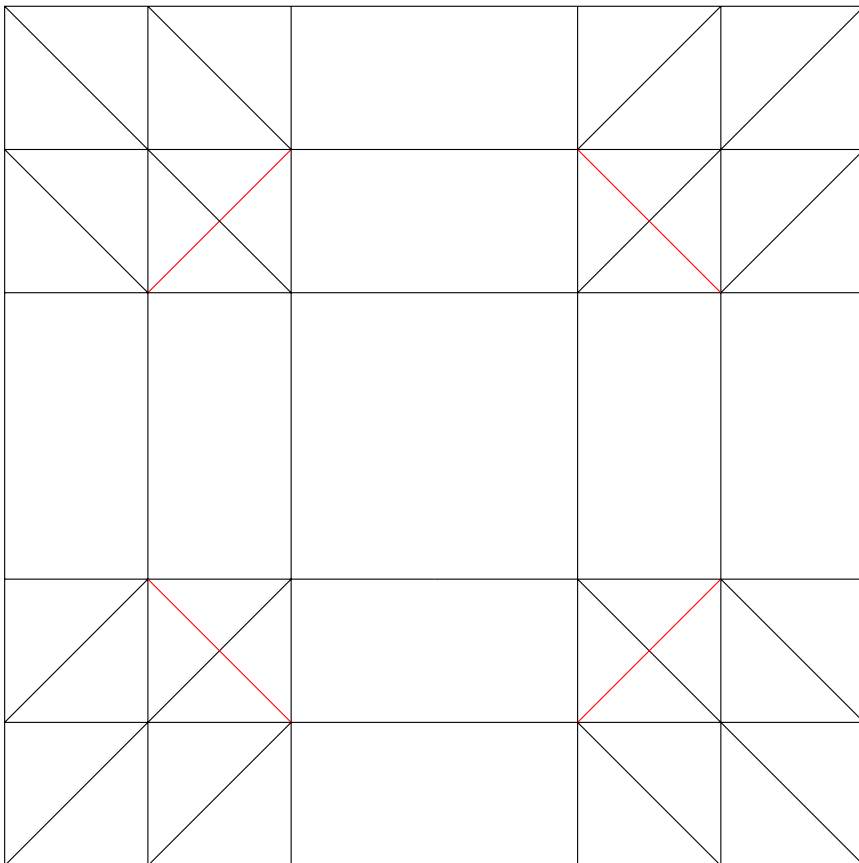
Die roten Linien im Crease-Pattern zeigen zusätzliche Faltungen, die im ursprünglichen Design enthalten waren. Beim Erstellen des Crease-Patterns habe ich jedoch herausgefunden, dass man diese ersatzlos streichen kann.

Viel Spaß beim Nachfalten!

I've developed this model long time ago during my childhood. My aim was to develop a rugged box with double layered side walls. At that time I didn't know the Masu box due to missing Internet access. The design is quite simple so that probably a couple of people came up with similar box designs.

The red lines in the crease pattern show additional creases that were present in the original design. However I noticed that they can be omitted during creation of the crease pattern.

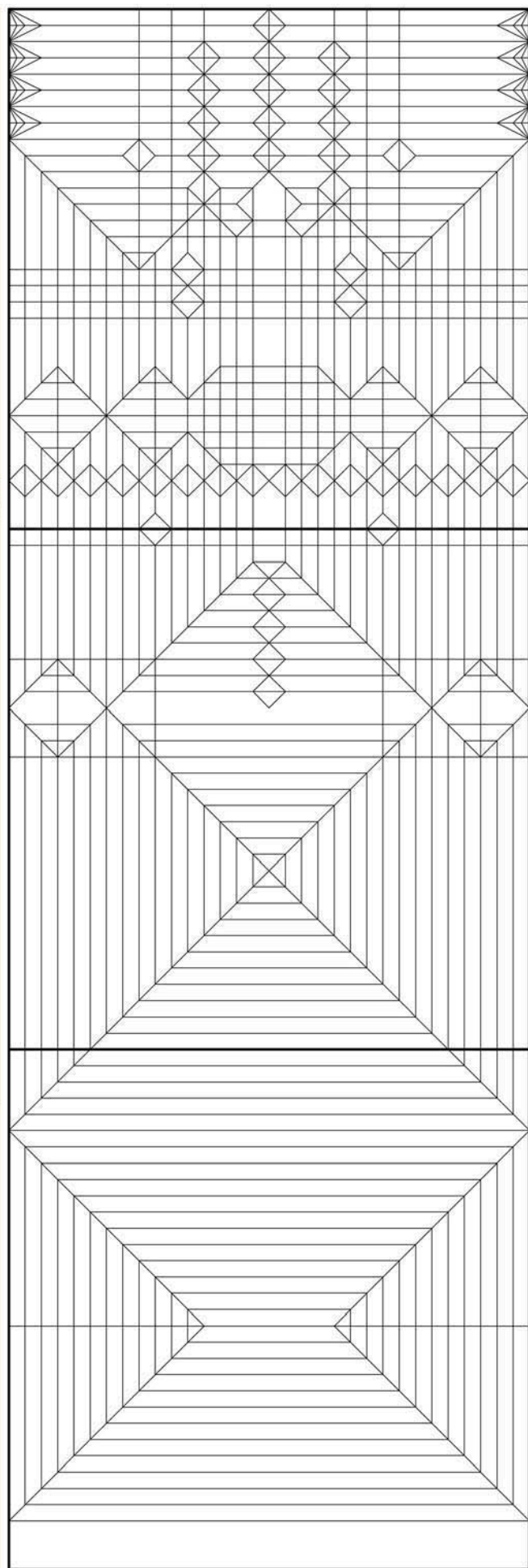
Happy folding!



# *Seraph*

\_Designer : Trần Trung Hiếu

\_CP : 26/9/2007



*Tran Trung Hieu © Sep - 2007  
Vietnam Origami Group*



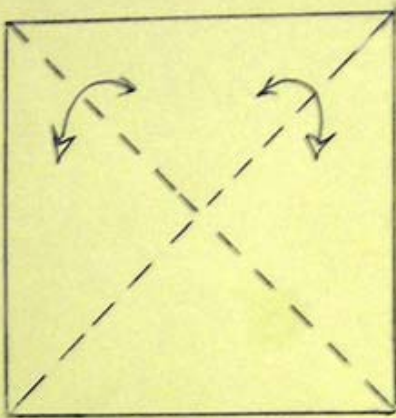
# VOG GARDEN

Designer : Trần Trung Hiếu

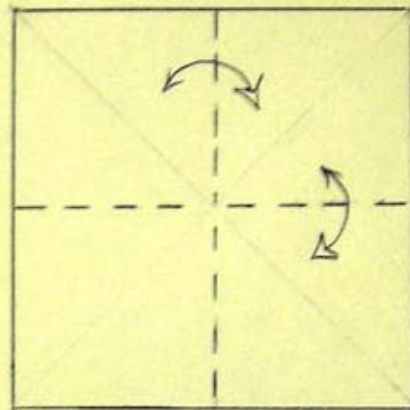
Date : xx.08 - 2006

Diagram : .12 - 2007

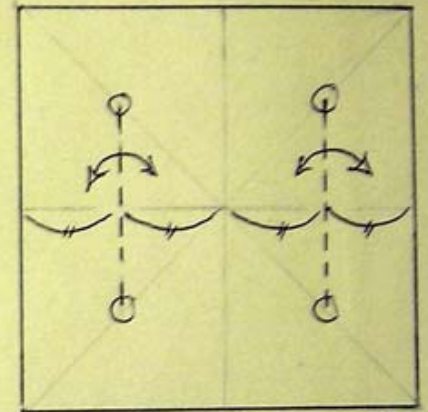
## Petal



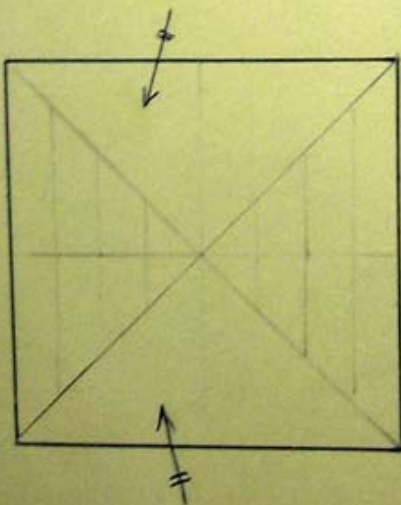
1. Fold and unfold.



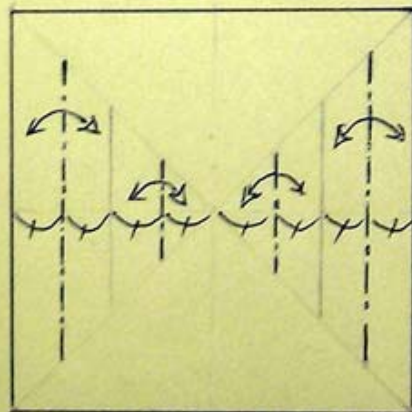
2. Fold and unfold in half.



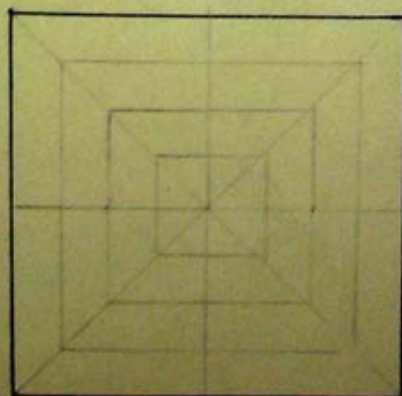
3. Fold and unfold in half (notice the circles point)



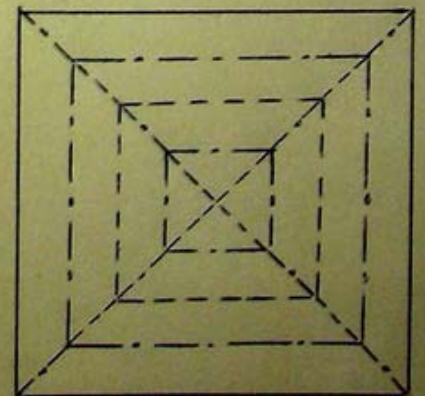
5. Repeat step 3-4.



4. Fold and unfold both in half.

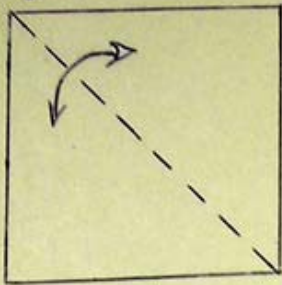


6. Finish step 5.

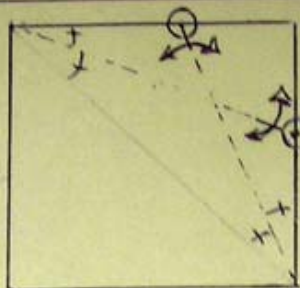


7. Mountain fold & valley fold.

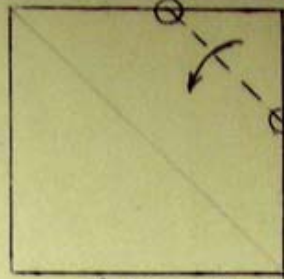
# Leaf



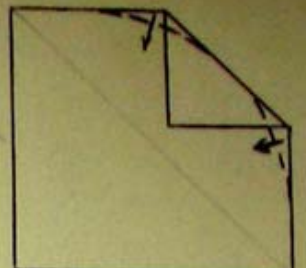
1. Fold and unfold the bisector.



2. Create the pleats



3. Valley fold

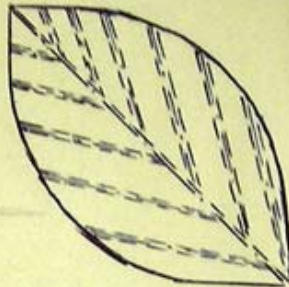


4. Continue valley fold & curve

Note:  
Looking at the picture to fold the creases of the leaf.

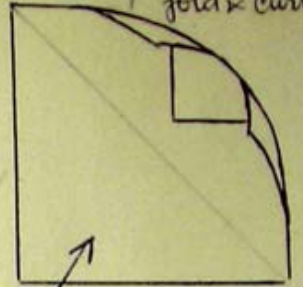


7. Finish fold leaf.



6. Make the creases like the creases showed in the diagram. You can use 2 thumbs to do this.

Turn over

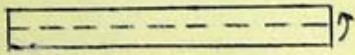


5. Repeat step 2 → 4.

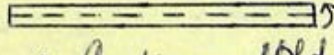


5. Finish stamen.

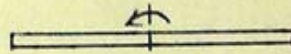
# Stamen



1. Begin with rectangle paper. Fold in half



2. Continue fold in half.



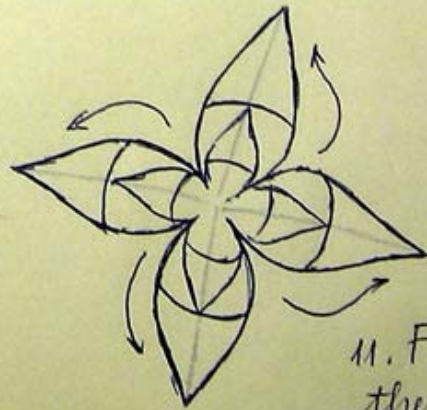
3. Now, fold in half.



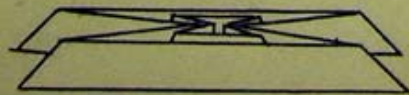
4. Rabbit ears.

# Bud

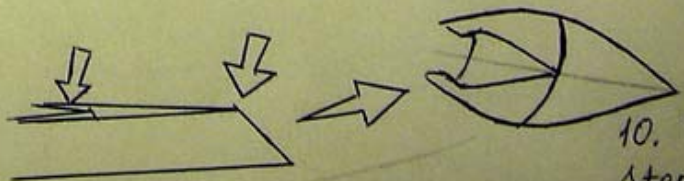
To fold the bud: first, fold the flower; then curl 4 petals up.



11. Finish folding the petals & flower.



8. Finish step 7.  
Over view step 8.



9. Spread out 2 corners (the edge and the hidden one)

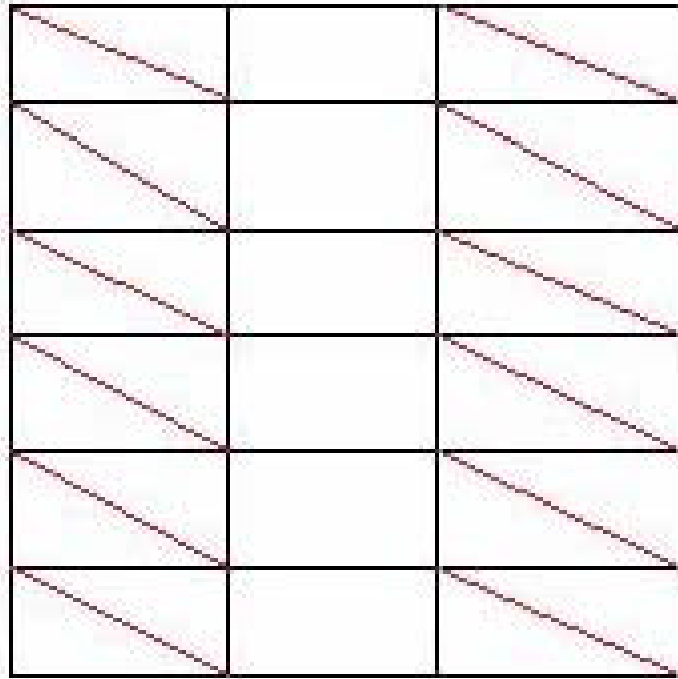
10. Finish step 9.





# Piece of candy

2007 Tyler Whitworth



1: Divide into a 3x3 grid

2: Add more creases to make a 6x3 grid.

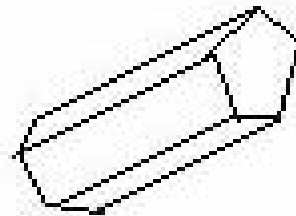
3: Add mountain folds as indicated by red.

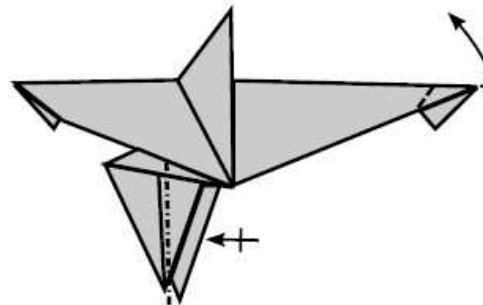
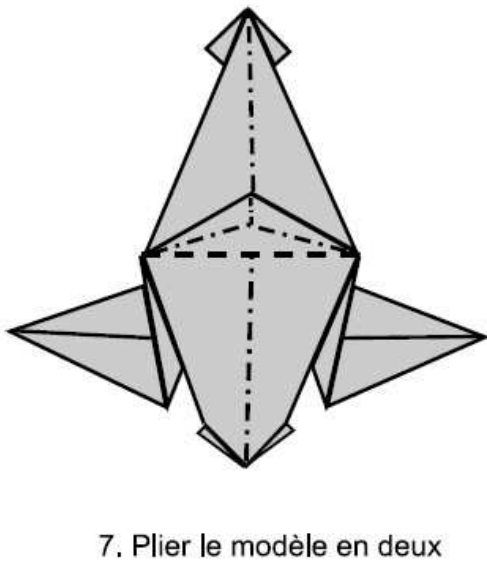
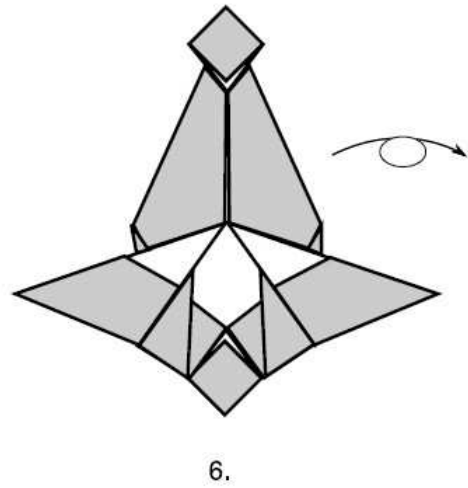
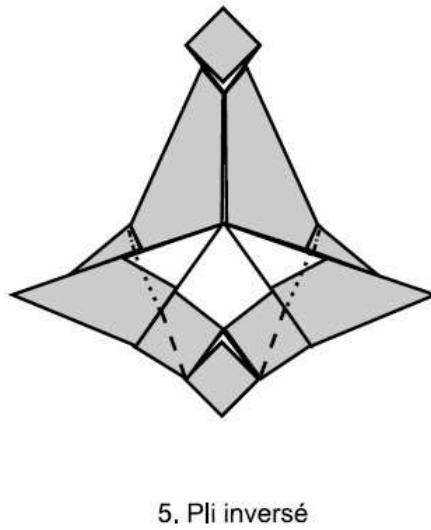
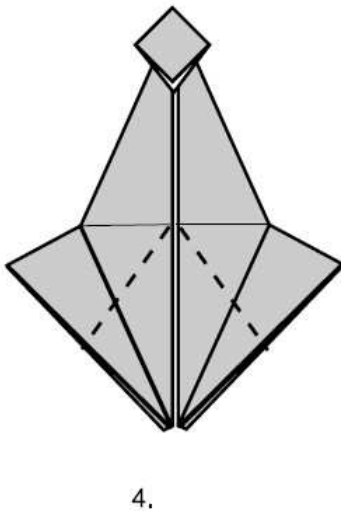
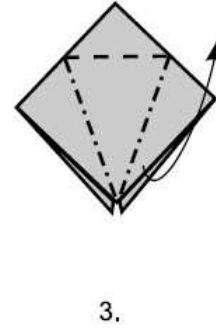
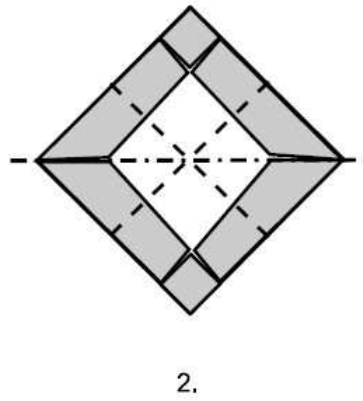
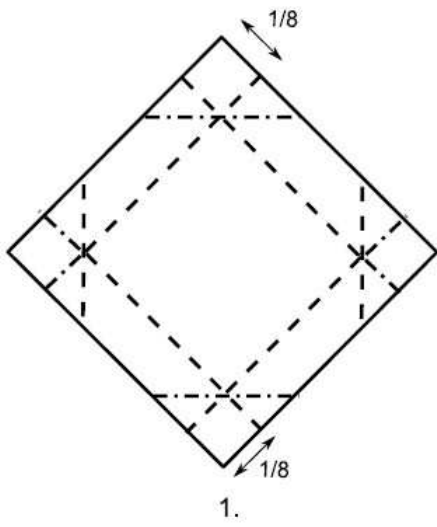
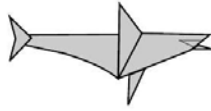
4: Collapse horizontal valley folds into a pentagon shaped tube

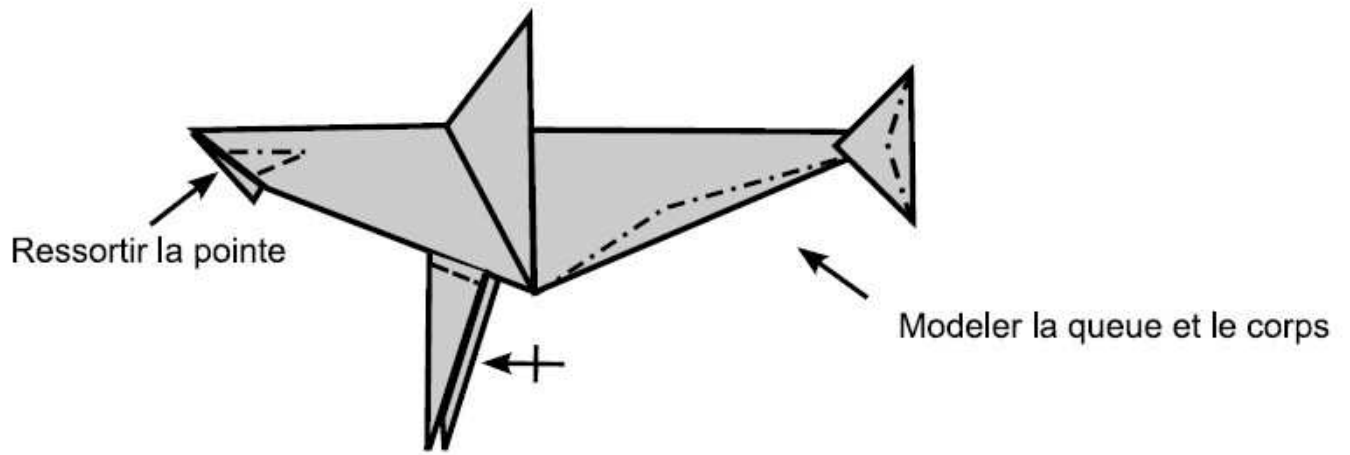
the outer edges will overlap

5: Apply mountain folds,

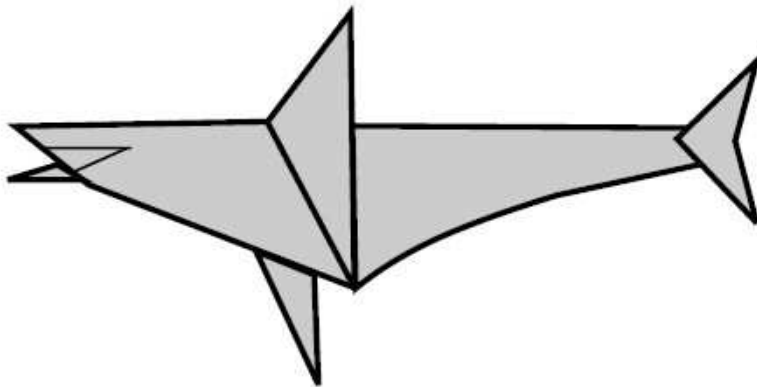
this will twist the tube



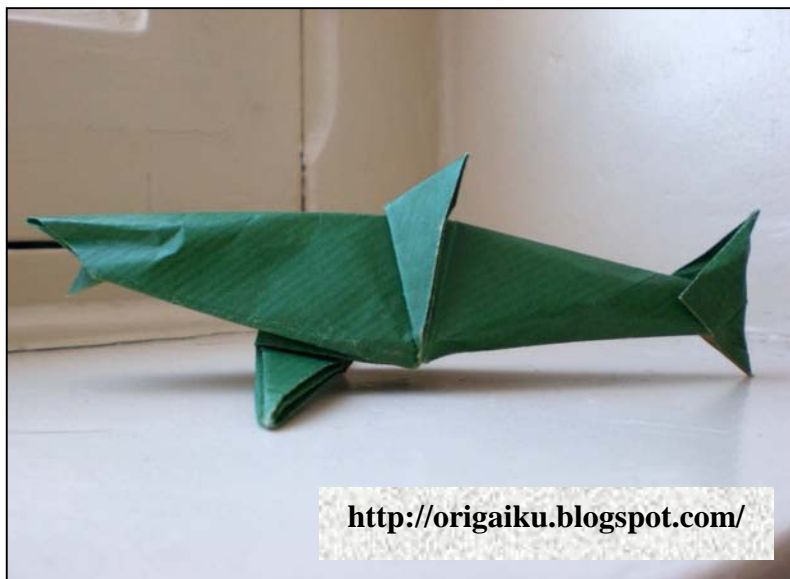




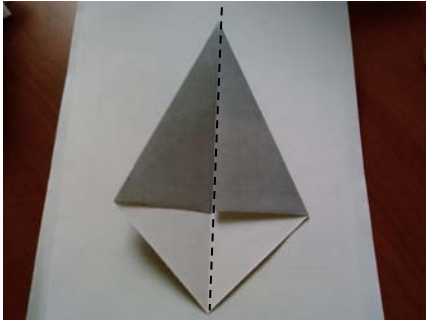
9.



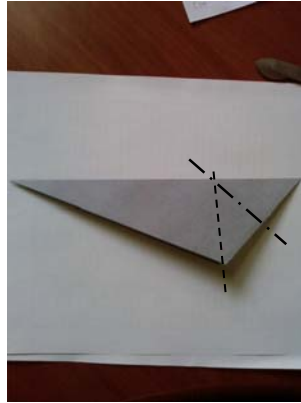
10.



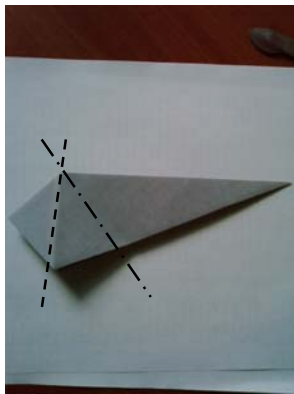
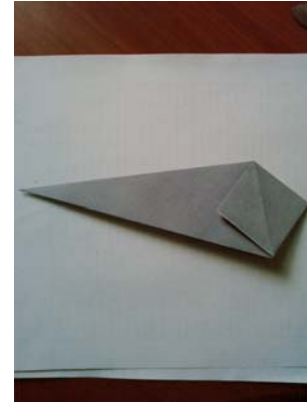
# Yannik Gardin – The „Proud Duck“



1. Beginning : kite base, fold in half by a valley fold



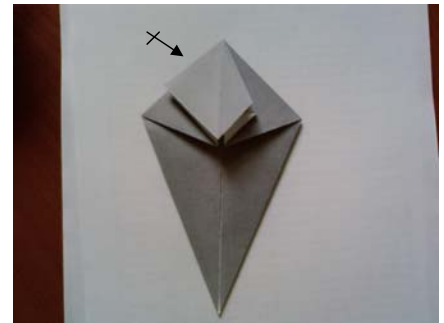
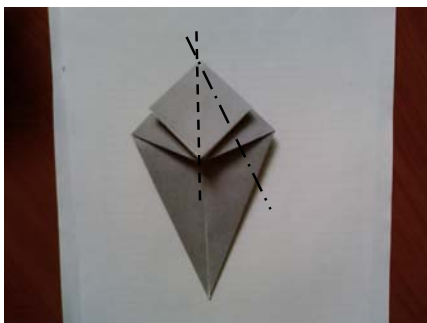
2. Squash fold the right part, then turn over the model



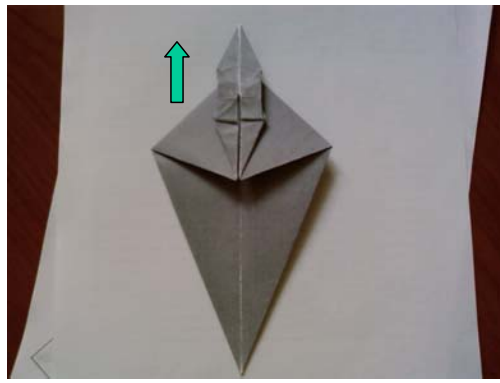
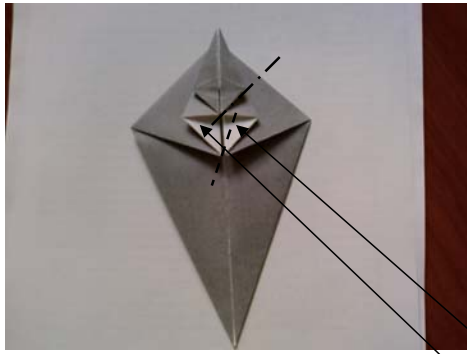
3. Squash fold the right part again



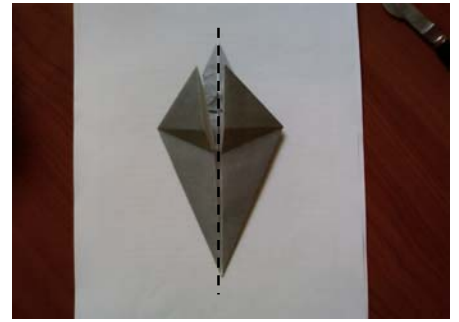
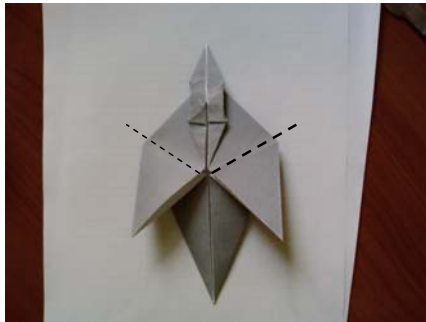
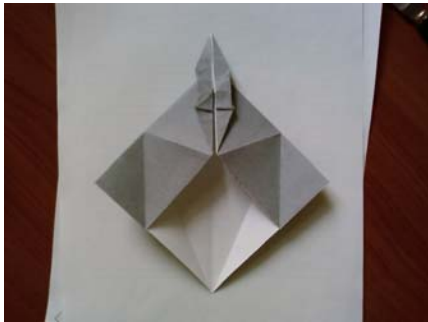
4. The result. Turn over.



5. Squash fold the right part, then close the flap by a valley fold. Repeat to the left.

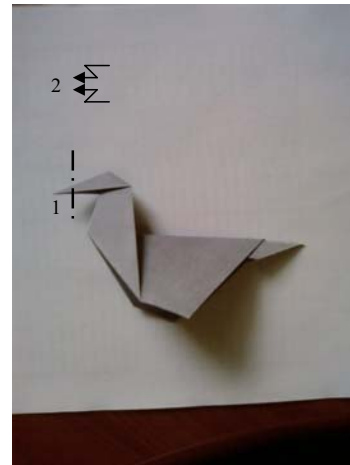
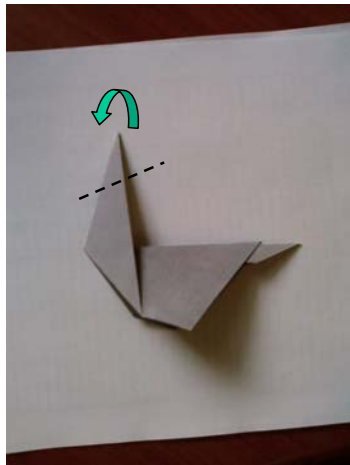
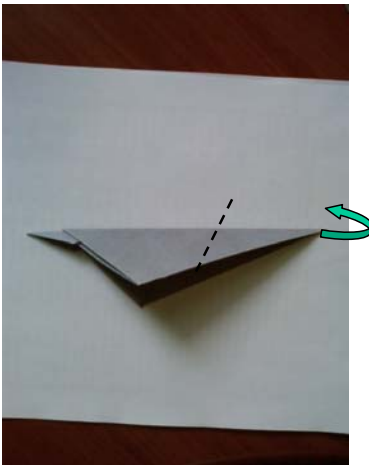


6. Inside reverse fold here and there. Then stretch up the flap ( Elias Stretch ).



7. Unfold the hidden points, then inside reverse fold.

8. Valley fold the points up, then valley fold the model in half



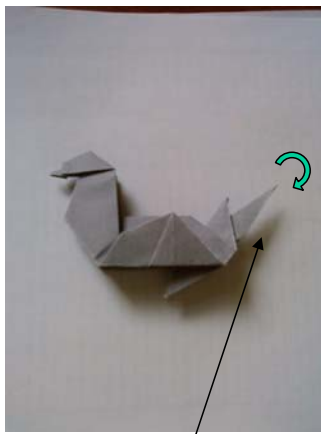
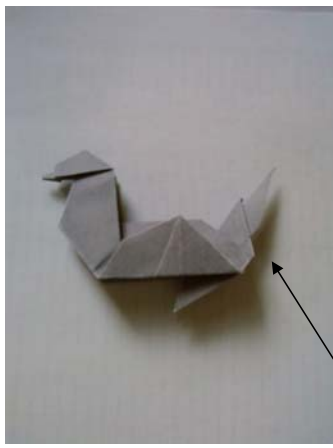
9. The result. Two reverse fold to create neck and head. Mountain fold the point of the beak then make a small crimp



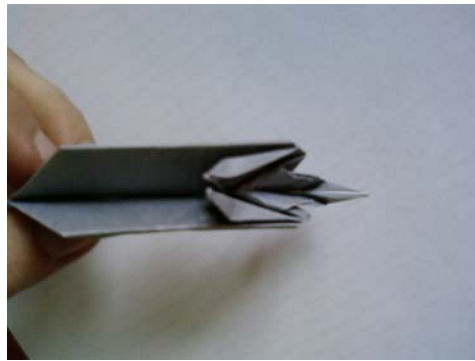
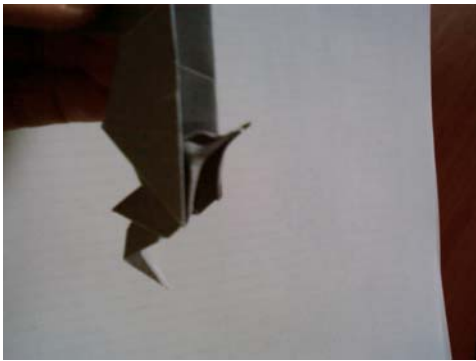
10. Valley fold the wings up.



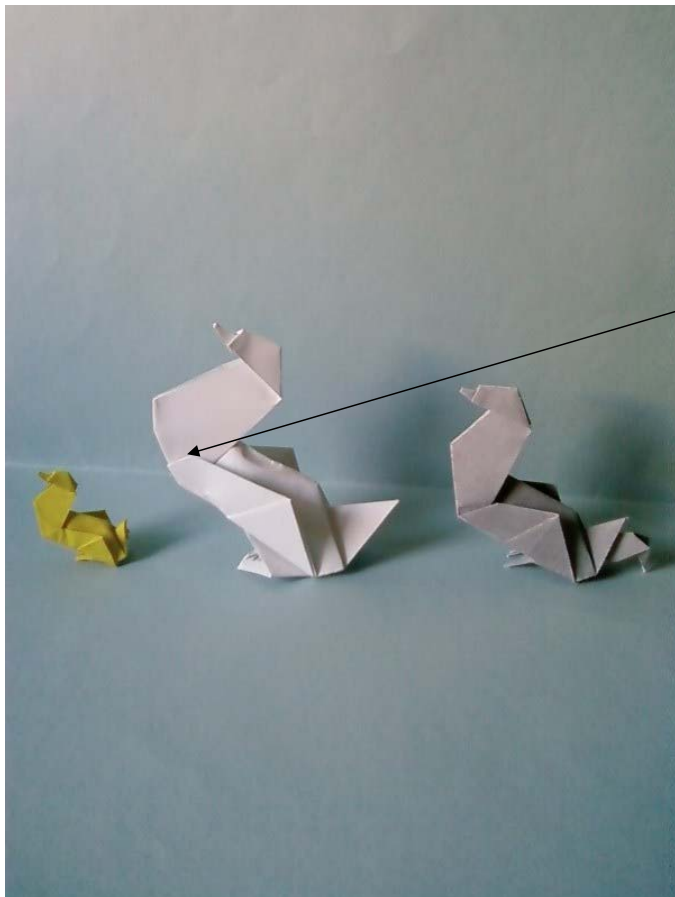
11. View from below. Valley fold the point (no reference point), repeat to the left.



12. Focus on the tail : make a crimp, then lower the 2nd feather and reverse-fold it (if you want).



13. Pinch the points made in step 11 to form the feet (this looks like a rabbit ear)



Finished Proud Duck (3rd on the photograph).

Shape to taste, give it attitude and volume.

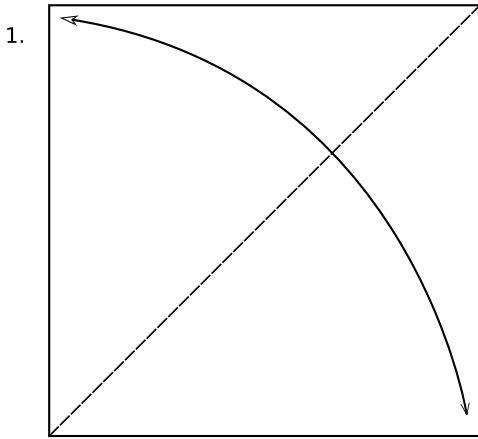
Variations are possible :

- No Elias Stretch (step 6) makes a less visible feather
- making a closed sink on this flap create a pocket to insert the other flap. This close the model from the front

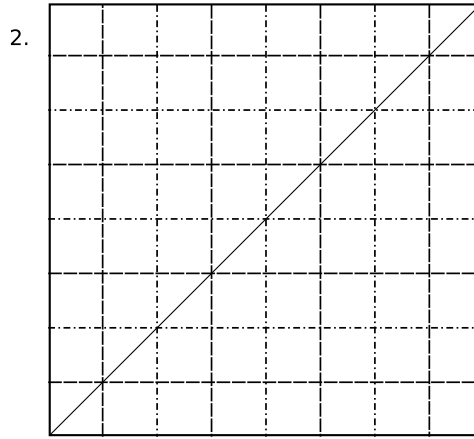
# Sword - D0002

Designed by: Yuri Sarudiansky (Kehom the Archer)  
 Diagrammed by: Yuri Sarudiansky (Kehom the Archer)

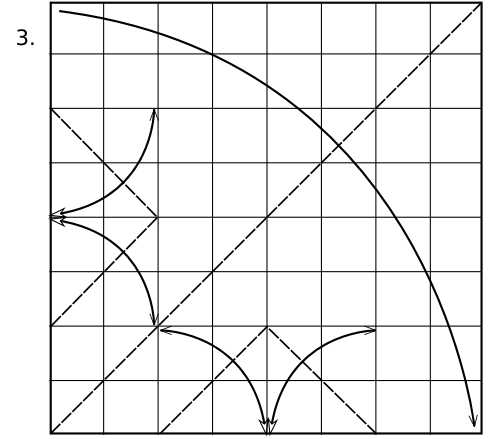
Designed 28/11/2007  
 Diagrammed 03/12/2007



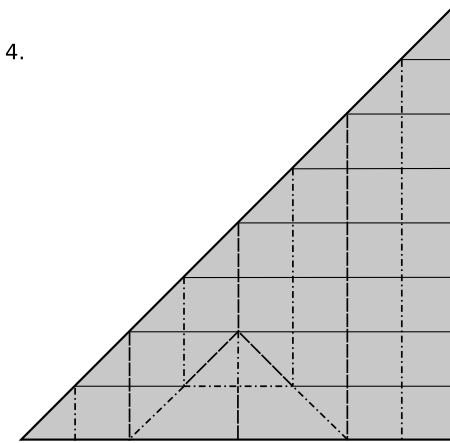
1. Color side down.  
 Crease the main diagonal.



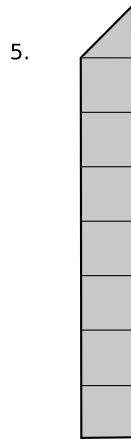
2. Make an 8x8 grid.



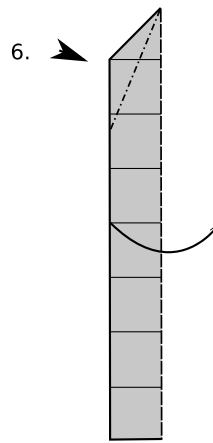
3. Fold and unfold creating the two triangles shown. Then fold along the main diagonal.



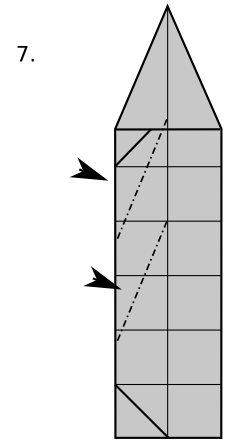
4. Do 7 reverse folds, along the vertical creases of the grid, beginning from the right side. While doing the reverse folds, pleat both triangles from the creases of step 3.



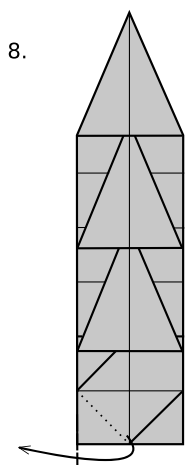
5. This is the base. At the bottom part you have 3 flaps with 2 grid units of freedom.



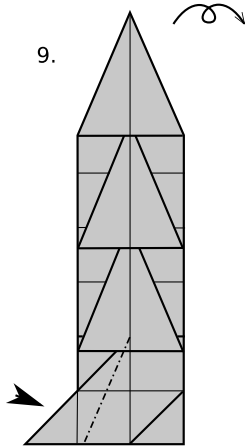
6. Fold one layer to the right, while spread sinking the top part of the sword.



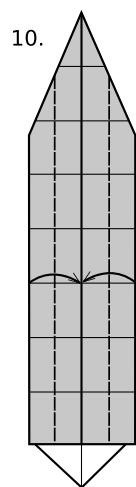
7. Do the same as in step 6 with the next two layers.



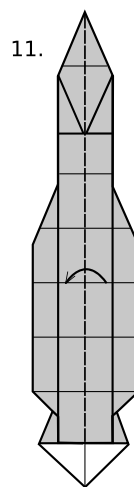
8. Pull out hidden flap.



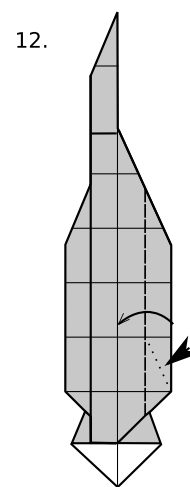
9. Squash fold.  
 Turn over.



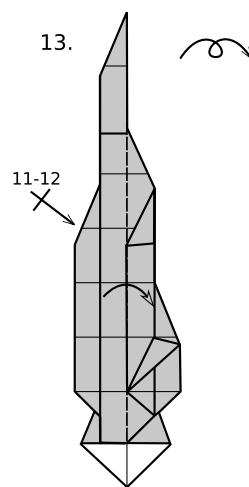
10. Valley one layer to the center.  
 Turn over again.



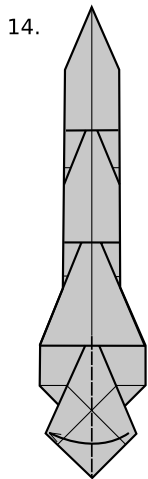
11. One layer to the left, just to make next step easier.



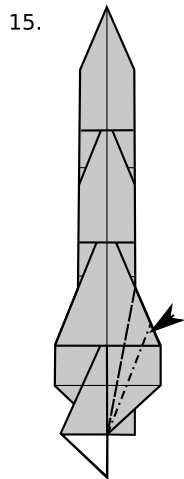
12. Fold to the left, doing an squash fold at the hidden flap.



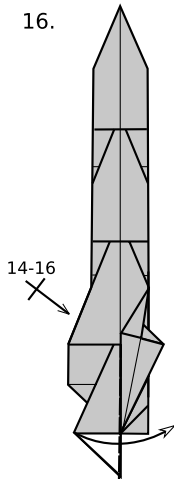
13. Repeat steps 11 to 12 on the left.  
 Turn over



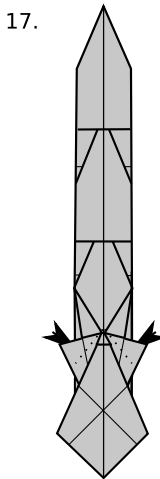
14. Valley fold to the left, also to make next step easier.



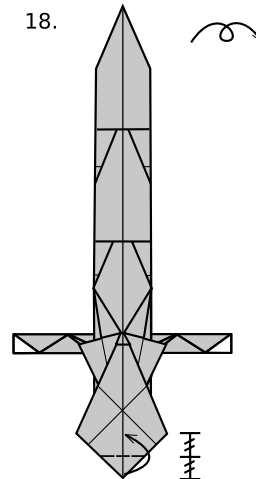
15. Spread sink.



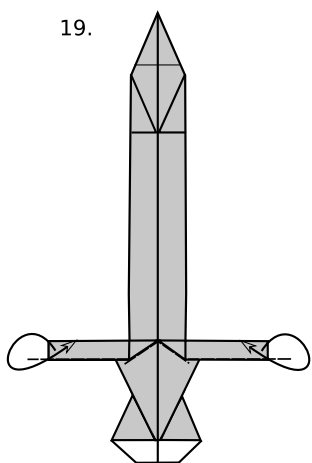
16. Drawing is not very accurate (sizes). Close back the flap. Repeat on the left.



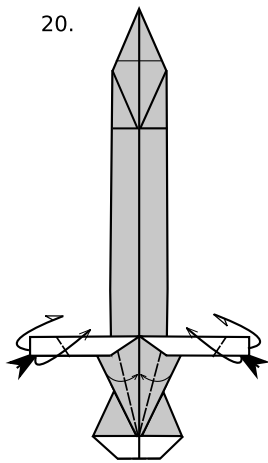
17. Reverse fold the two flaps that are behind the model.



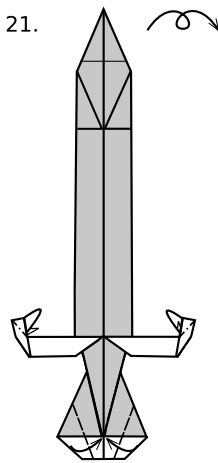
18. Valley fold. This is the first collar change. Turn over.



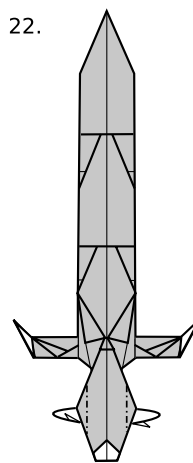
19. Take layers from behind.



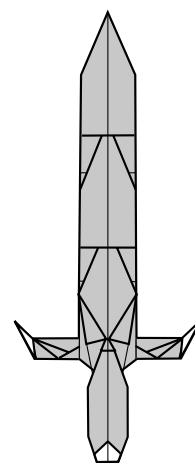
20. Outside reverse fold the two flaps from the first layer you can see from this view. Also, caution doing this, it may rip the paper.



21. Do some shaping. Turn over.

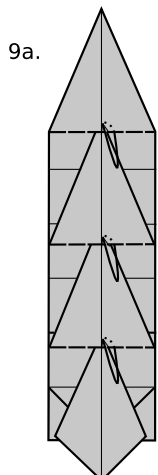


22. Mountain fold, just to narrow a little more.

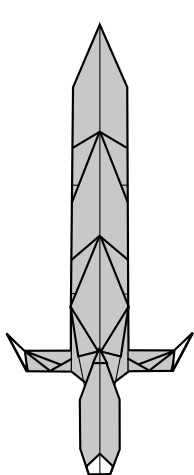


The Sword is complete. This is a broad sword.

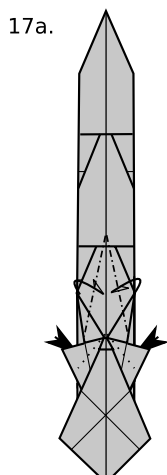
Alternative foldings.



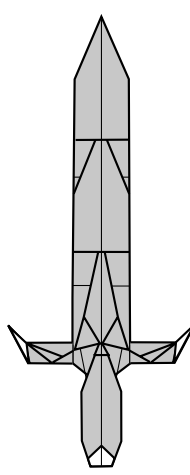
9a. After step 9, before turning over. You can pull out the points of the triangles.



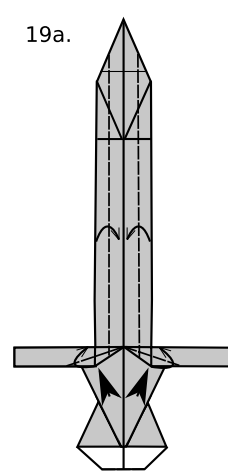
By following the same folding sequence, you end up with something like this.



17a. With the reverse folds, you may narrow one triangle, by mountain folding it.



By following the same folding sequence, you end up with something like this.



19a. Before taking layers from behind, narrow the blade, as it was done at steps 10-13. This will make a Long Sword! If you had to be careful at step 20, now have extra care as it will be even easier to rip the paper. Result not shown, sorry!