Kiwi Chick
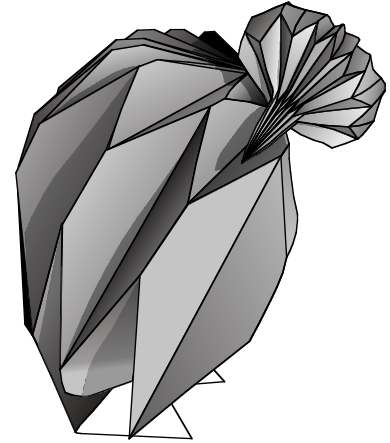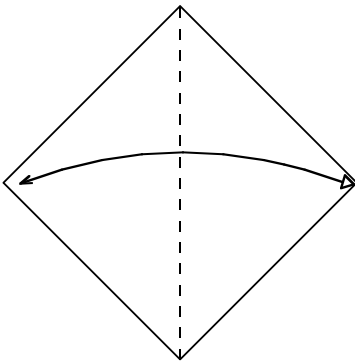
Designed by Bernie Peyton in 2014
Difficulty / High Intermediate
Time to fold / 45 min.
Dimension / R= 0.48 for height
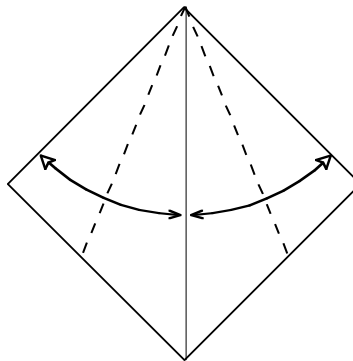
Author's advice: Read these directions entirely before beginning to fold this model. For your first attempt use a bi-colored square exactly the height of the CP on the second page of these diagrams (approx. 25 cm to a side). There are two ways to start this model. Look at pages 2 and 3 for the second way to begin folding this model before doing the folds on this page.
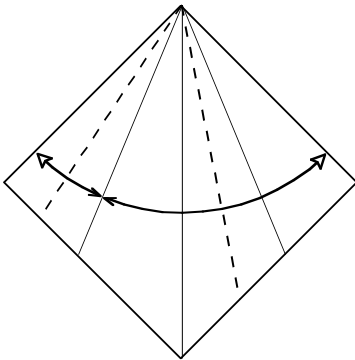
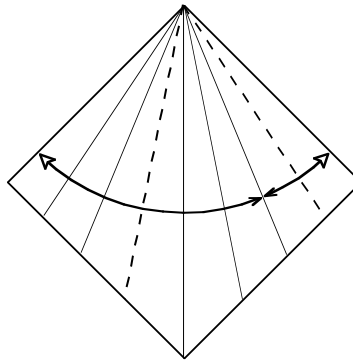**1st Way To Start the Model:**

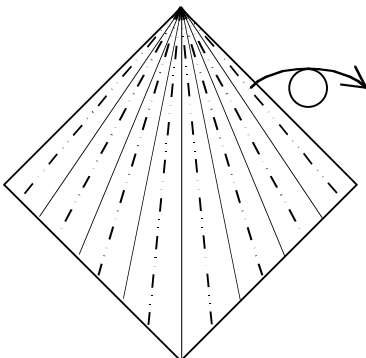1. Valley-fold the diagonal on the white side of the square.
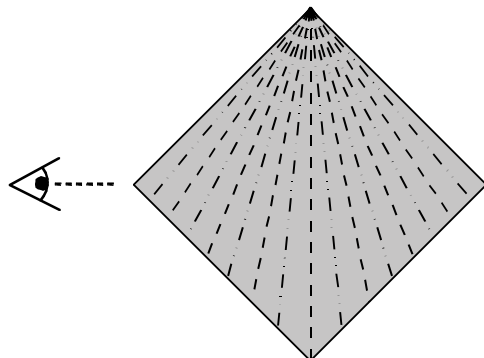
2. Bisect angles with valley creases.

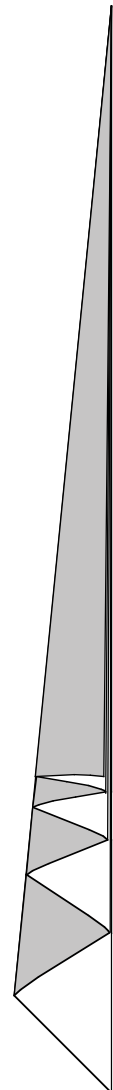3. Bisect these angles with valley creases.

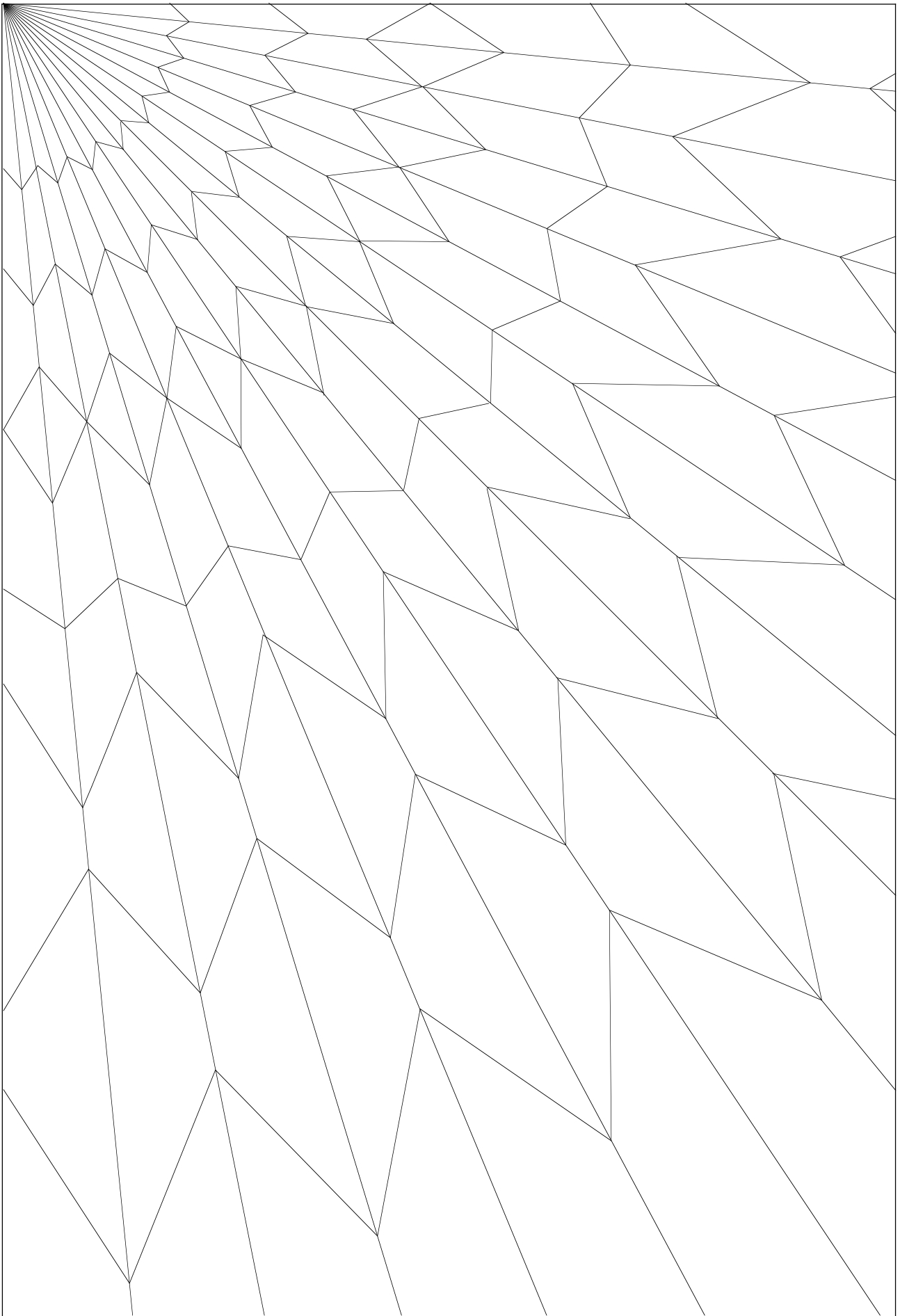4. Repeat the last step on the other side.

5. Bisect angles with mountain creases. Turn the model over side to side.

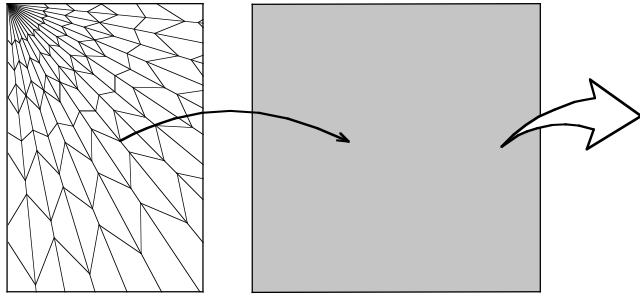6. Reverse all folds on this side and collapse the model into a narrow wedge.

Result of step 6. Continuation of the first way to start this model continues on the fourth page of these diagrams.
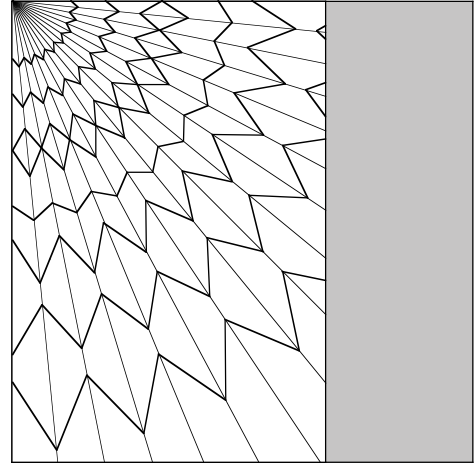
1

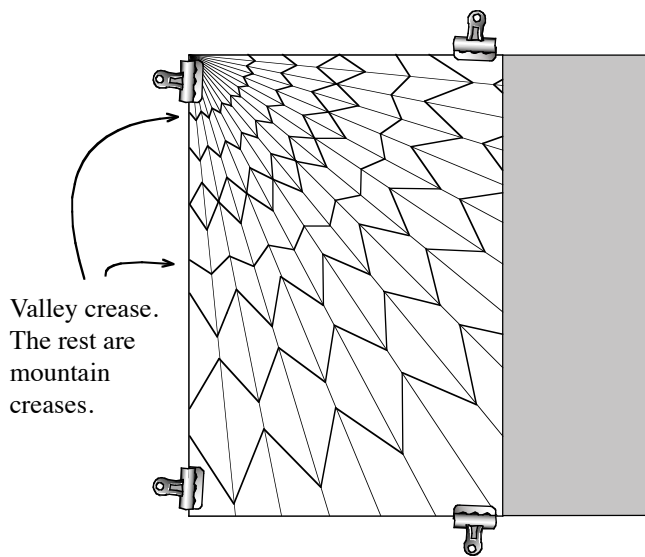**2nd Way To Start the Model:** Make a copy of this crease pattern (CP). Go to the next page.

Place a copy of the CP on top of
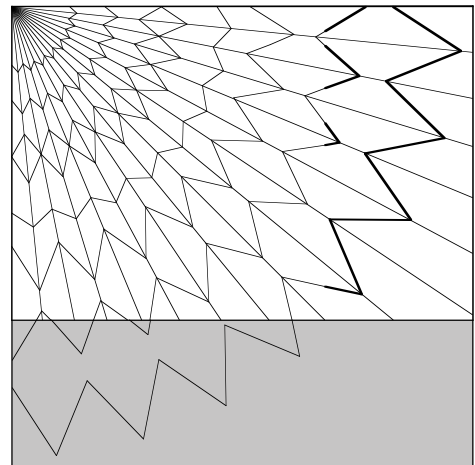your paper. Align the left sides.

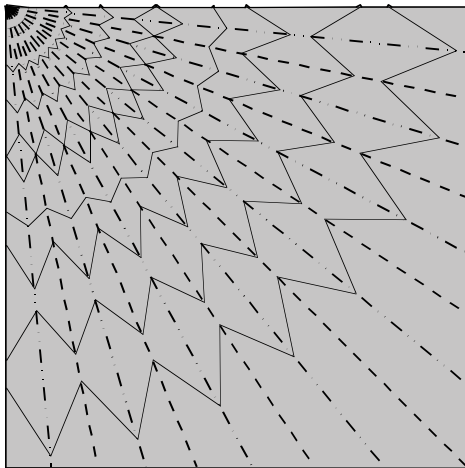Score with a blunt point the dark
lines or...

Valley crease.
The rest are
mountain
creases.

Clamp the CP on top of your paper and crease
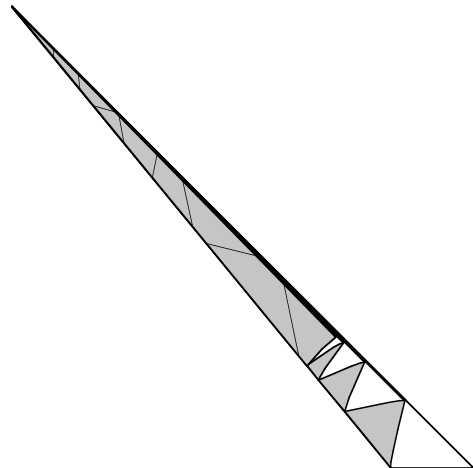the dark lines through both layers.

I suggest you crease the CP first before putting
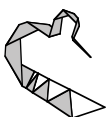it on top of your paper.

Place the CP on the top of your paper and
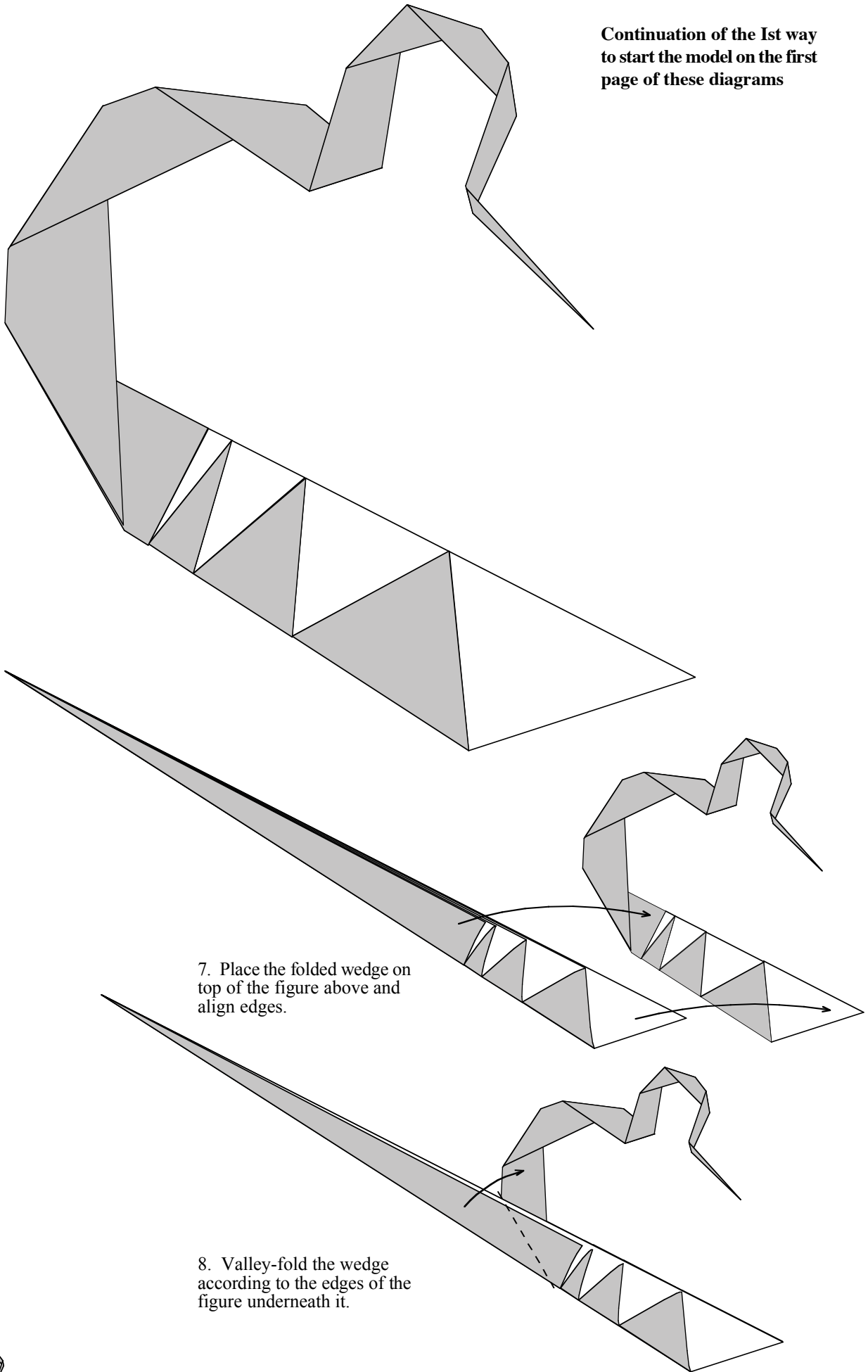score or mountain-crease the remaining
parts of the CP.

Collapse the model according to
steps 1-6 on the first page.
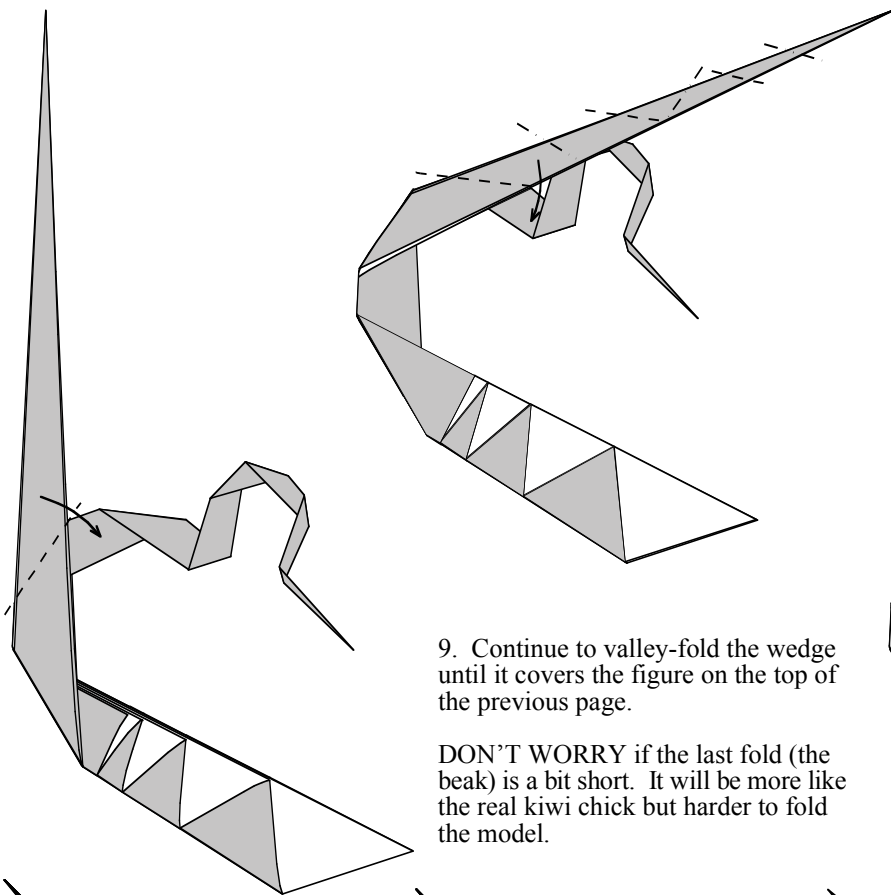
Result of the last step.

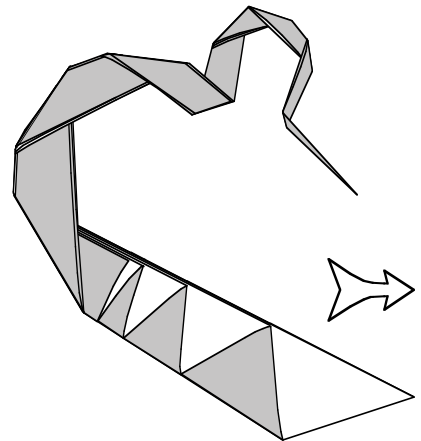7. Place the folded wedge on top of the figure above and align edges.

8. Valley-fold the wedge according to the edges of the figure underneath it.
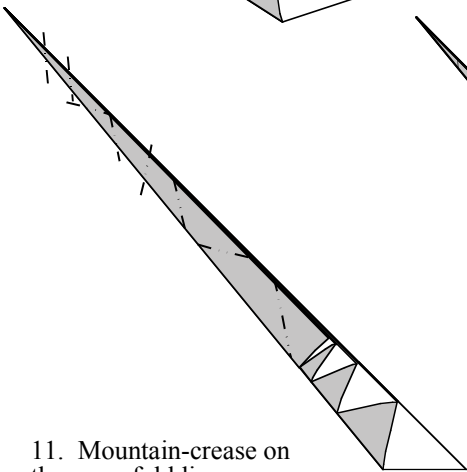
9. Continue to valley-fold the wedge until it covers the figure on the top of the previous page.
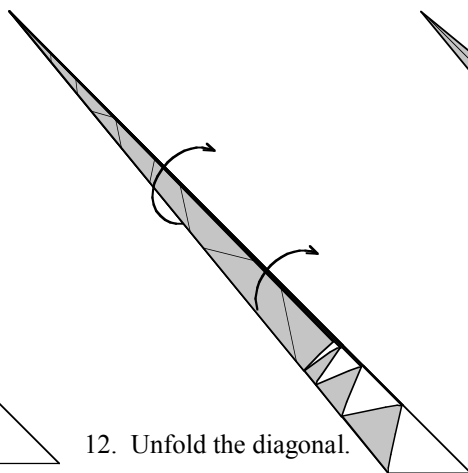
DON'T WORRY if the last fold (the beak) is a bit short. It will be more like the real kiwi chick but harder to fold the model.
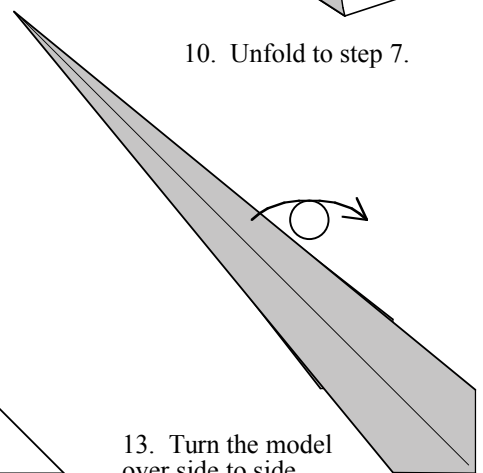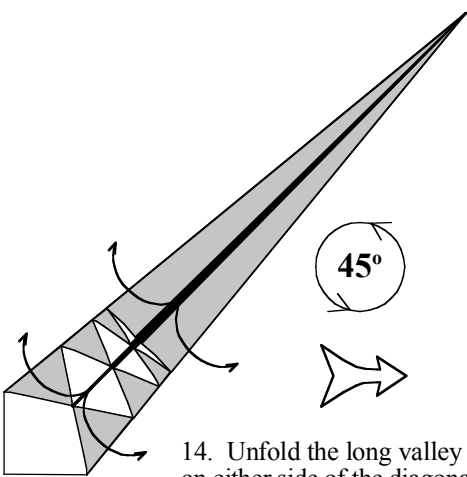
10. Unfold to step 7.

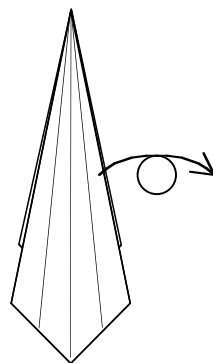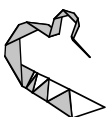11. Mountain-crease on the same fold lines through all layers.
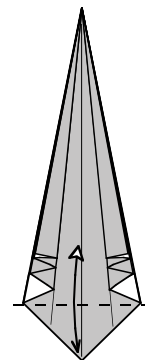
12. Unfold the diagonal.

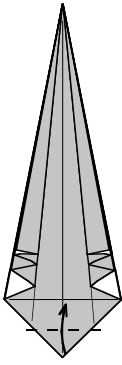13. Turn the model over side to side.

45°

14. Unfold the long valley folds on either side of the diagonal and rotate the model 45 degrees counter-clockwise.
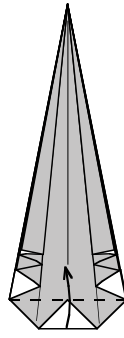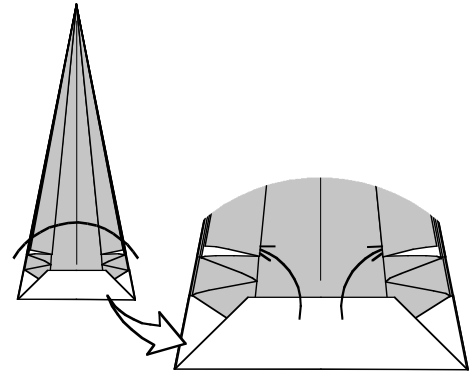
15. Turn the model over side to side.

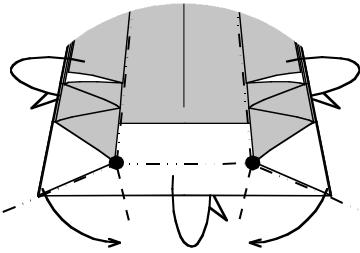16. Valley-fold and unfold the bottom corner.
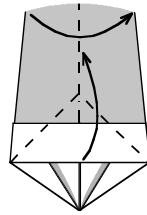
17. Valley-fold the corner to the last crease.

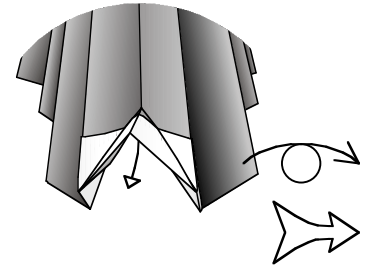18. Valley-fold the bottom edge up.

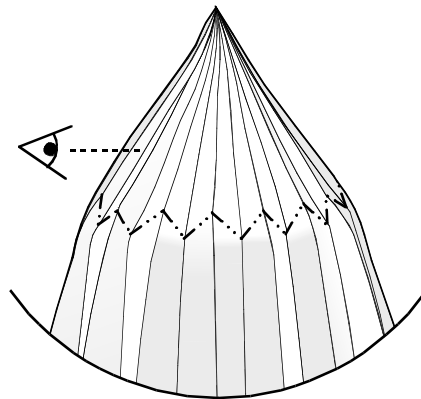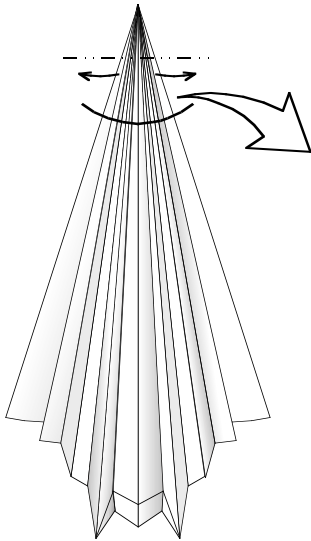19. Put the pleated sides on top of the folded bottom corner.

20. Mountain-crease along edges and between the dots. Swivel-fold the bottom edge and mountain-fold the sides behind.
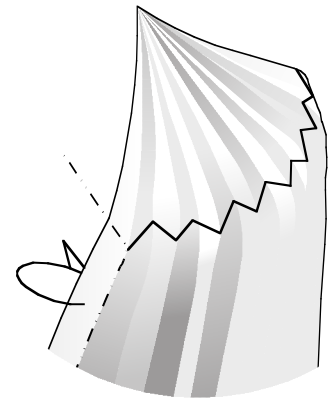
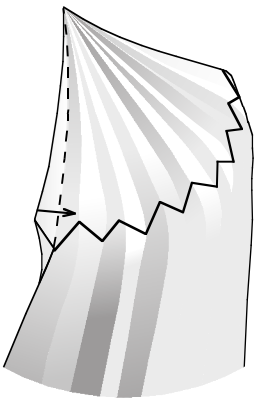21. Inside reverse-fold the bottom edge while closing the sides of model together.

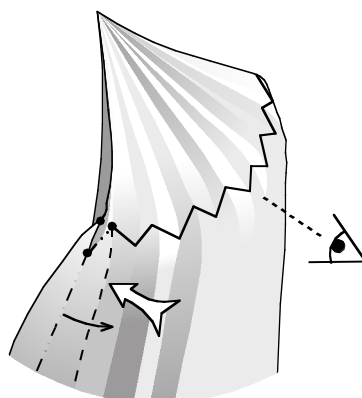22. Unfold the last 2 steps and turn the model over side to side.

23. Spread layers at the top of the model. **Note**: In the next steps you will change the direction of all pleat folds below the bold mountain crease that defines the kiwi's beak.
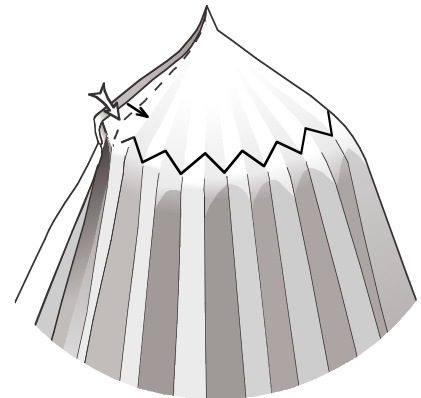
24. Mountain-fold the left edge of the model. The edge will not fold completely behind.
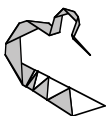
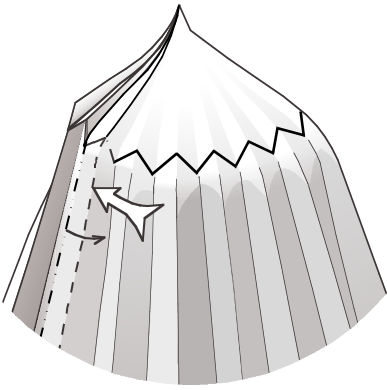25. Valley-fold again the left edge above the bold mountain crease.

26. Valley-fold the ridge created in step 24 to the right while lining up two segments of the bold mountain crease (between the dots).
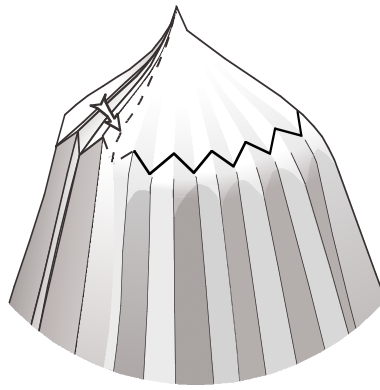
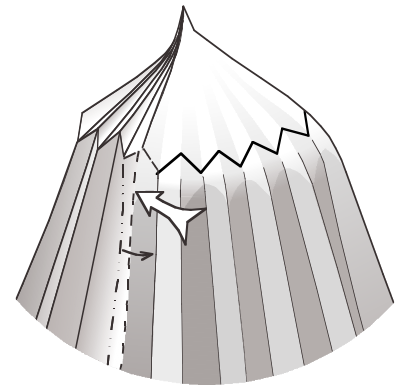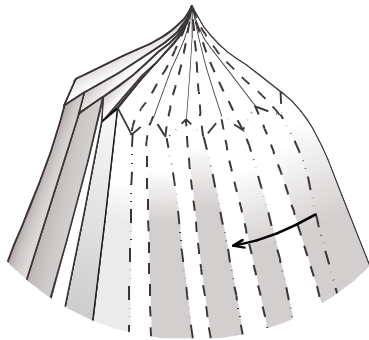27. Repeat step 25 on the next segment above the bold mountain crease.

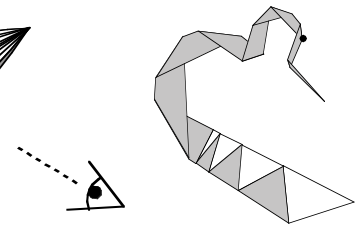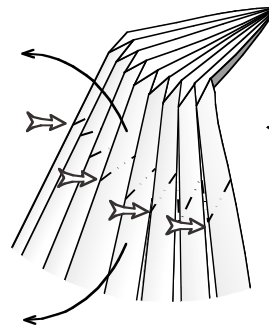28. Repeat step 26 on the next segment below the bold mountain crease.

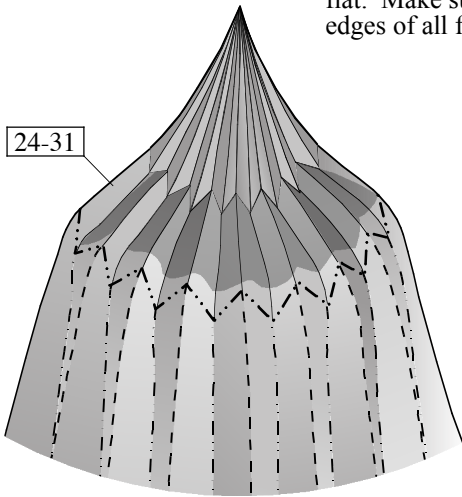29. Repeat step 25.

30. Repeat step 26.

31. Repeat steps 25 and 26 until the model can be folded flat. Make sure to align the edges of all folds.
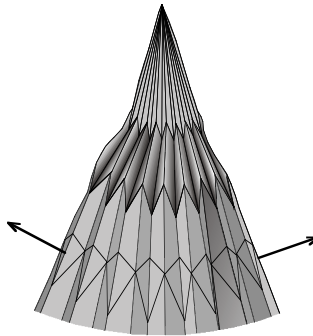
32. Spread the pleats and outside-reverse fold the model at the level of the next division as defined by the dot in the small template to the right. Next view is from the other side.
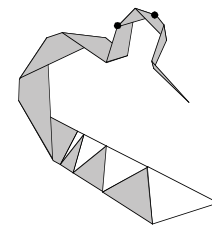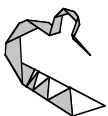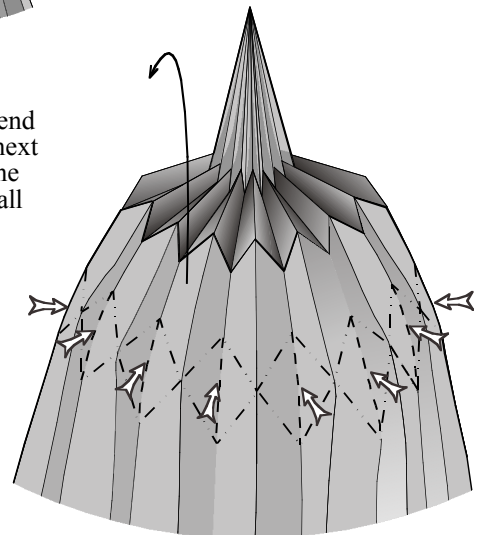
24-31

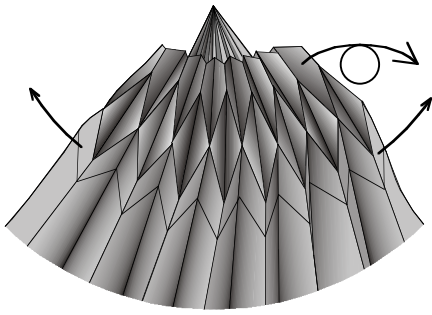33. Repeat steps 24 to 31 and reverse all folds below the bold mountain fold.

34. Spread the pleats and bend the model at the site of the next two divisions at the top of the kiwi's head (dots on the small template).
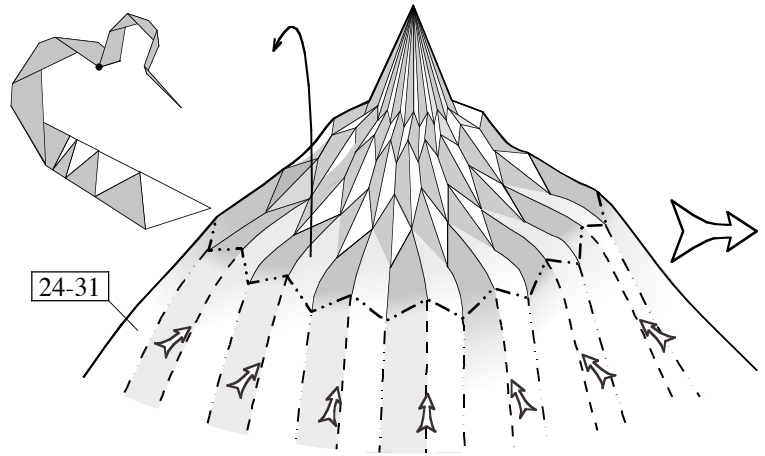
35. Do these next two series of mountain folds together starting at one side of the model and working across to the other side. Do not reverse any pleat folds except for the sections between the mountain folds. The front of the head and beak will bend forward.
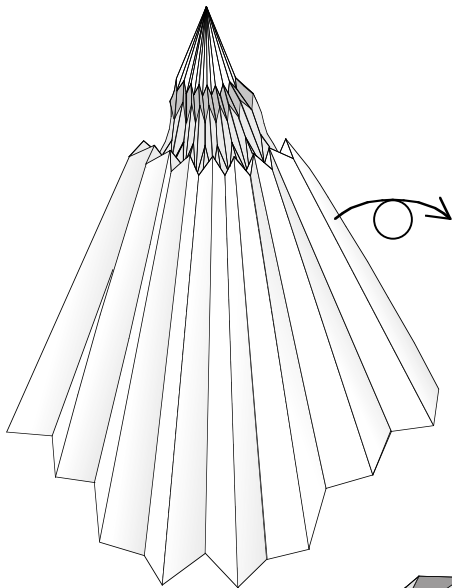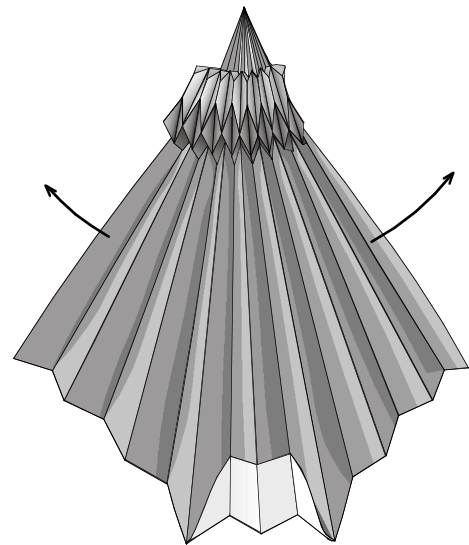
36. Spread the pleats at the level of the next division and turn the model over side to side.
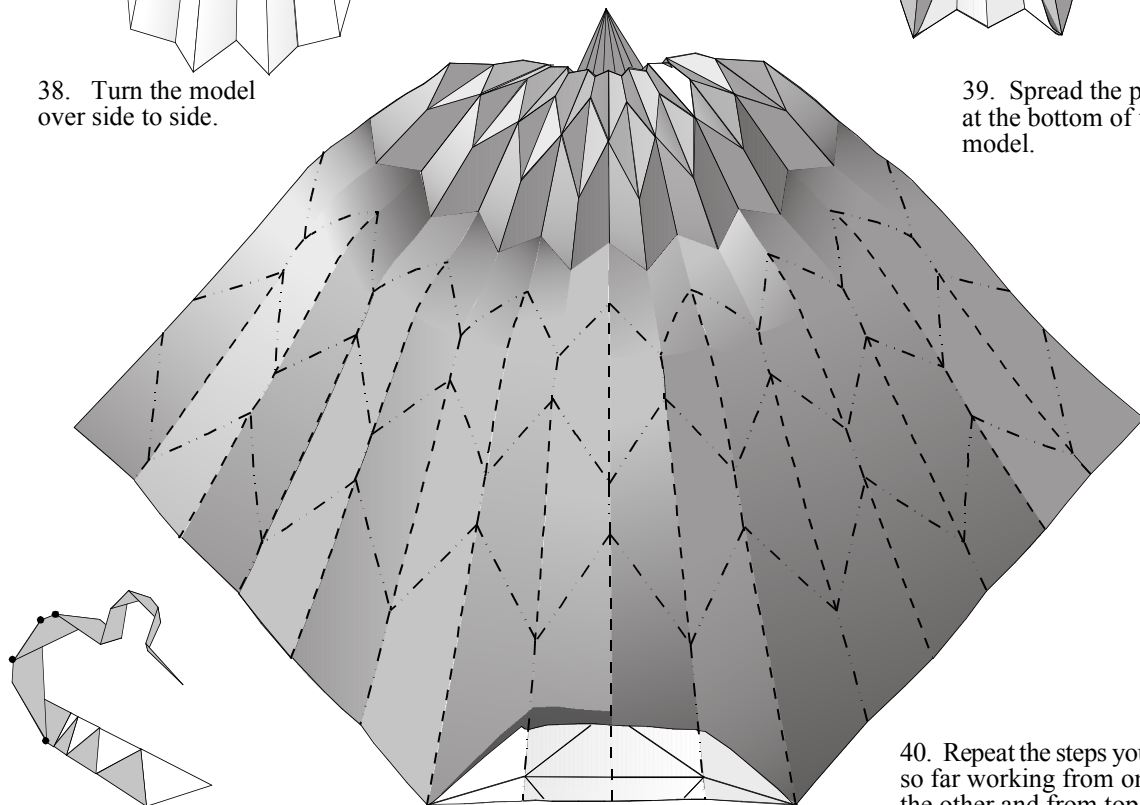
24-31

37. Repeat steps 24 to 31 and reverse all folds below the bold mountain fold.
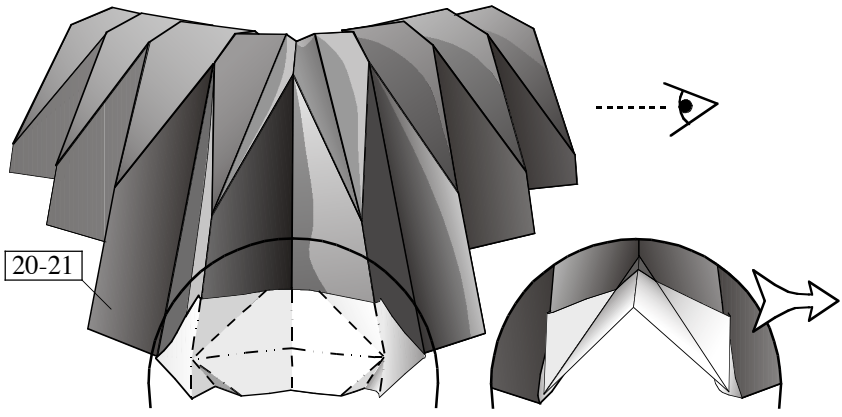
38. Turn the model over side to side.

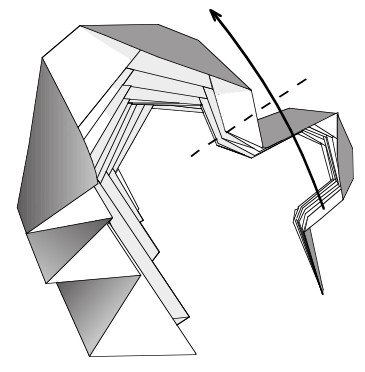39. Spread the pleats at the bottom of the model.

40. Repeat the steps you have used so far working from one side to the other and from top to bottom. When finished you should be able to fold the model flat.
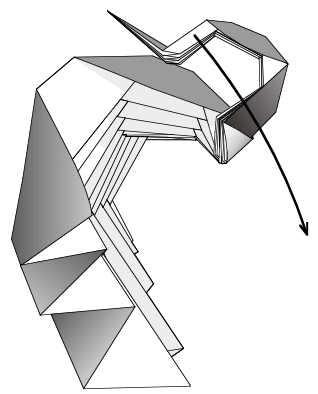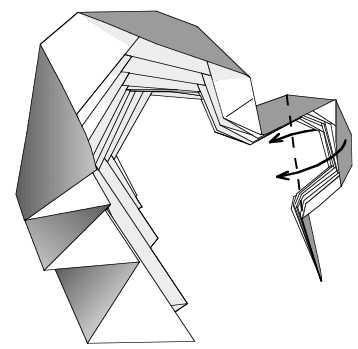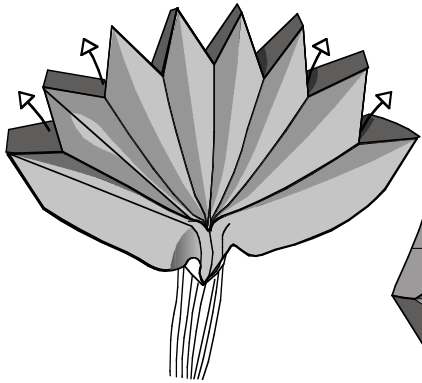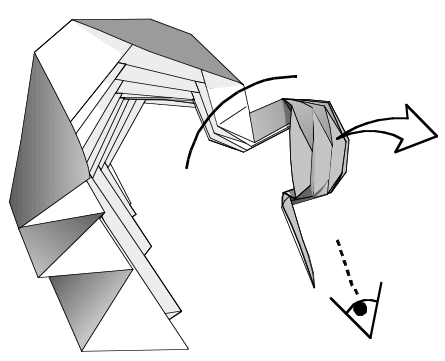
20-21

41. Repeat steps 20 and 21.

42. Valley-fold the head up through all layers. The base of the bill should be slightly below the top of the back.
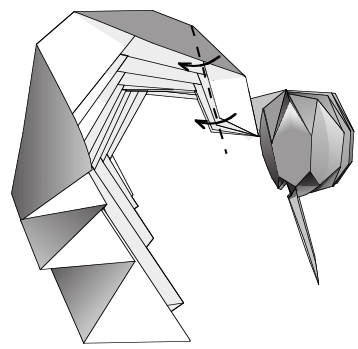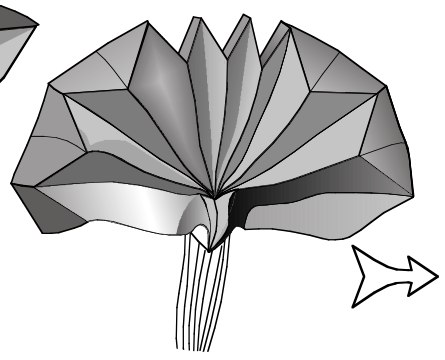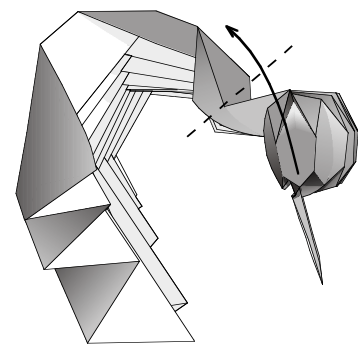
43. Fold the head back down.

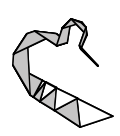44. Spread the head layers on both sides of the head.

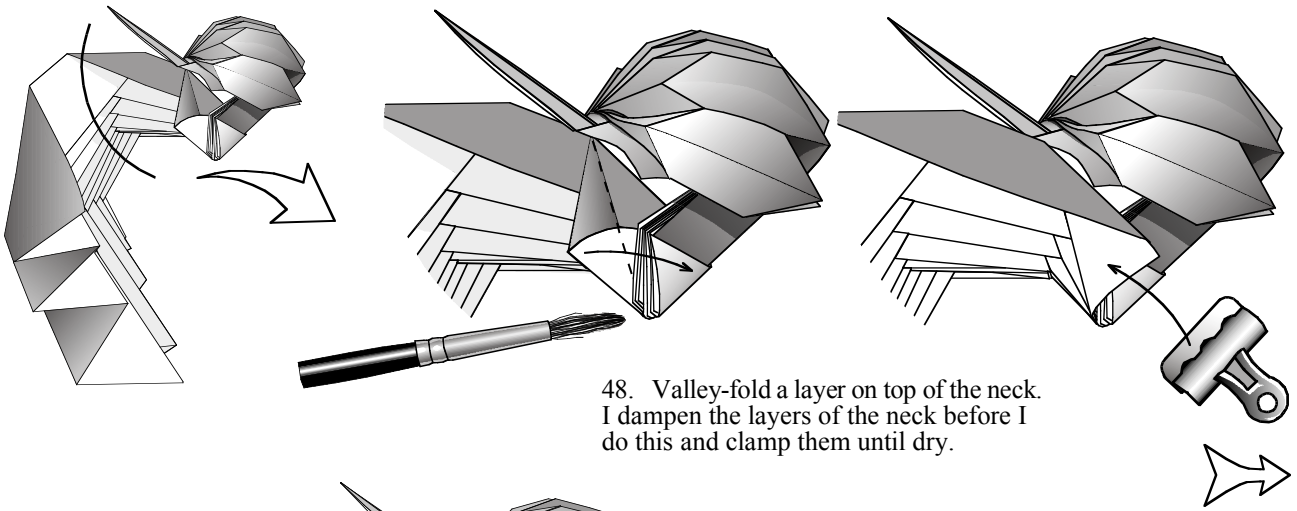45. Undo the pleats in two molecules on both sides of the head.

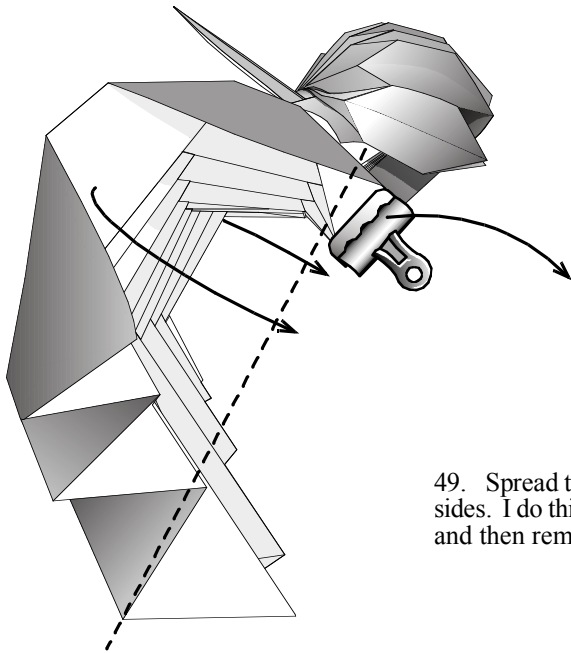46. Bend down the top layer of the neck on its hinge.

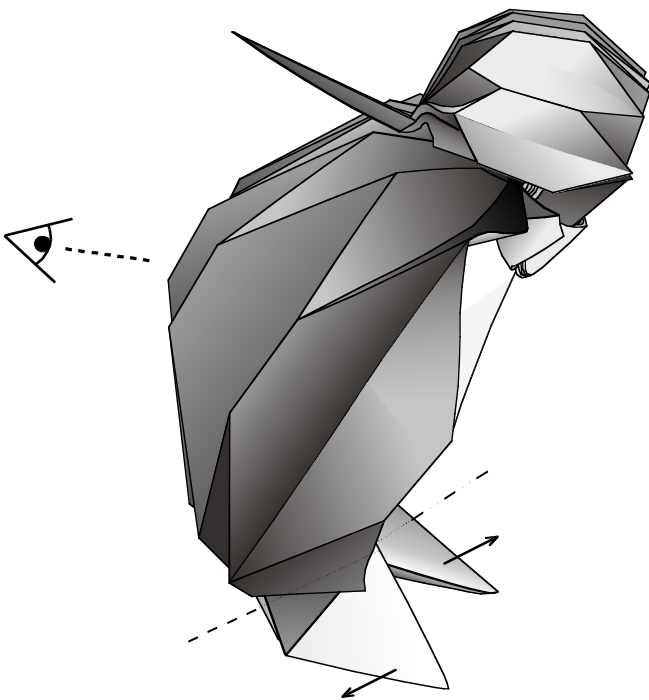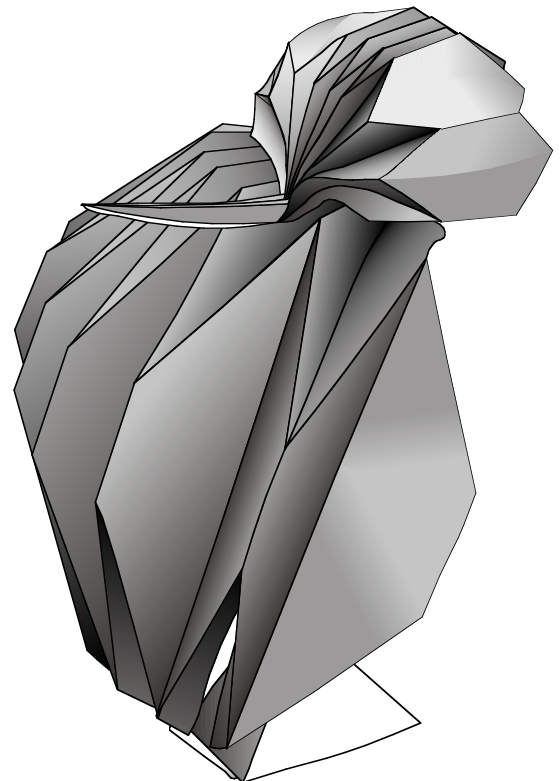47. Valley-fold the head up on the crease of step 42.

48.   Valley-fold a layer on top of the neck.
I dampen the layers of the neck before I
do this and clamp them until dry.

49.   Spread the layers of the body on both
sides. I do this prior to removing the clamp
and then remove it when the neck is dry.

50.   Spread the feet if your kiwi
does not stand up.

Display your kiwi to be viewed
from behind.