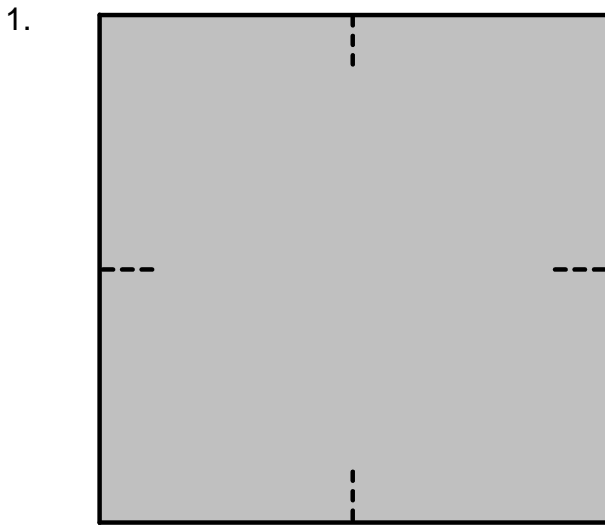
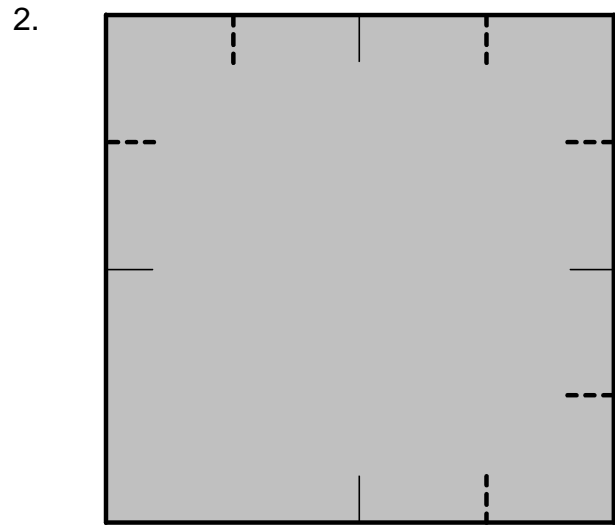


Walking Leaf

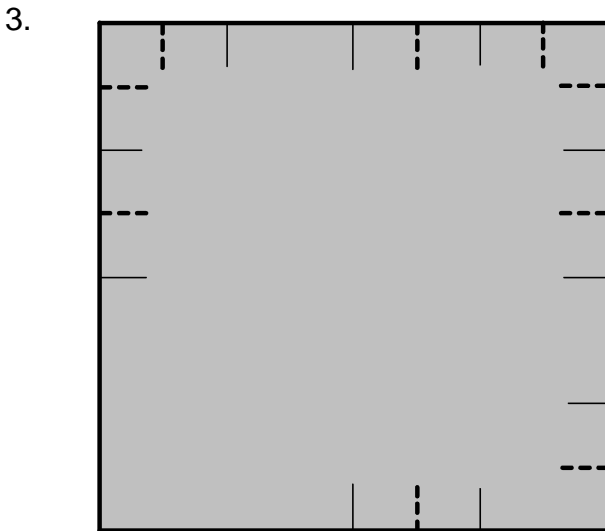
by Derek McGann



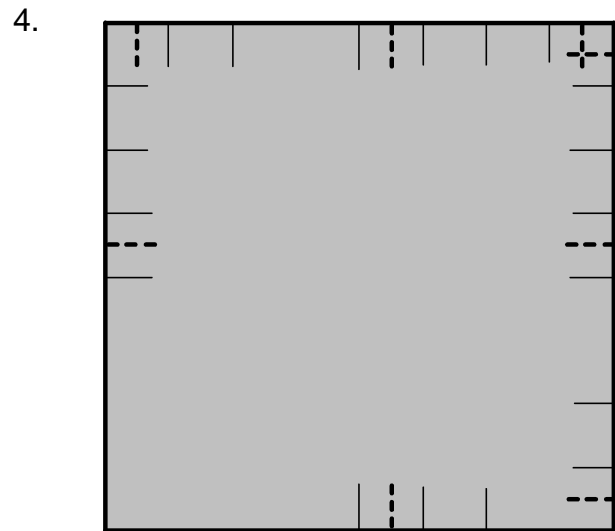
Start with the color side up. Pinch the indicated segments in half in four places.



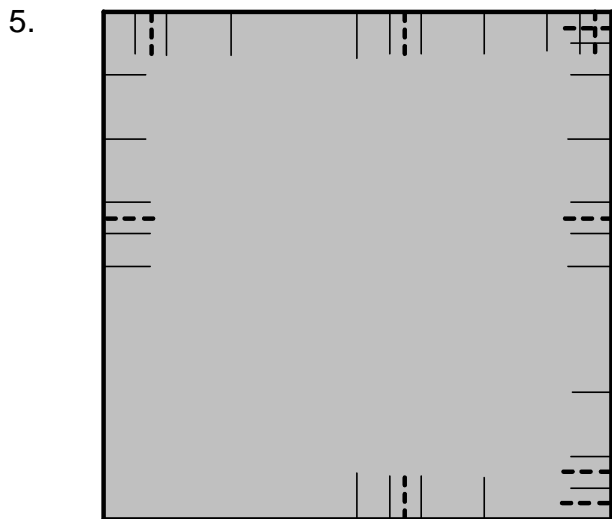
Pinch the indicated segments in half in six places.



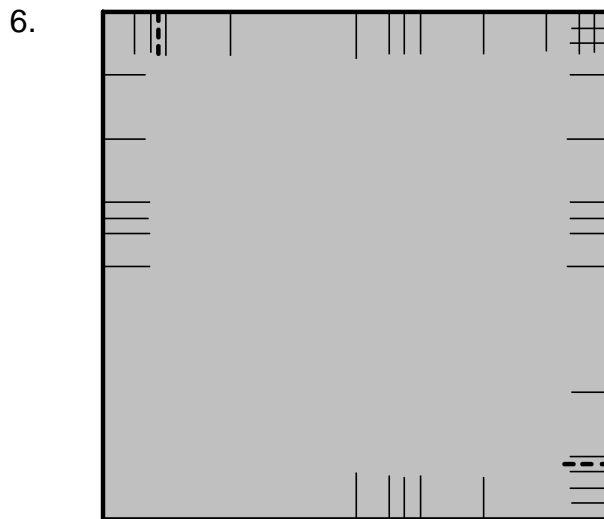
Pinch the indicated segments in half in nine places.



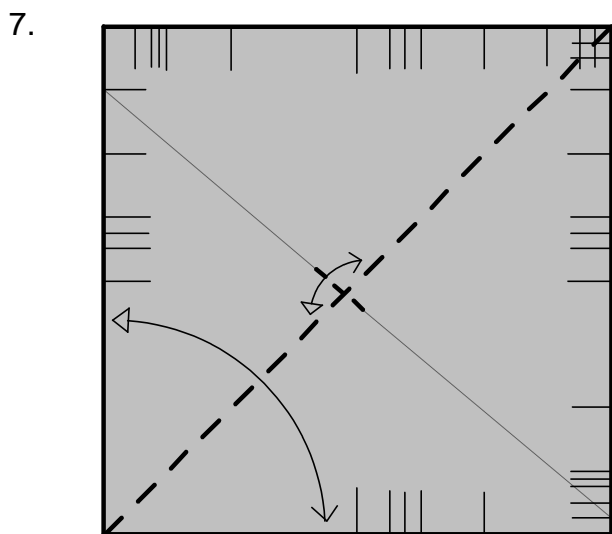
Pinch the indicated segments in half in eight places.



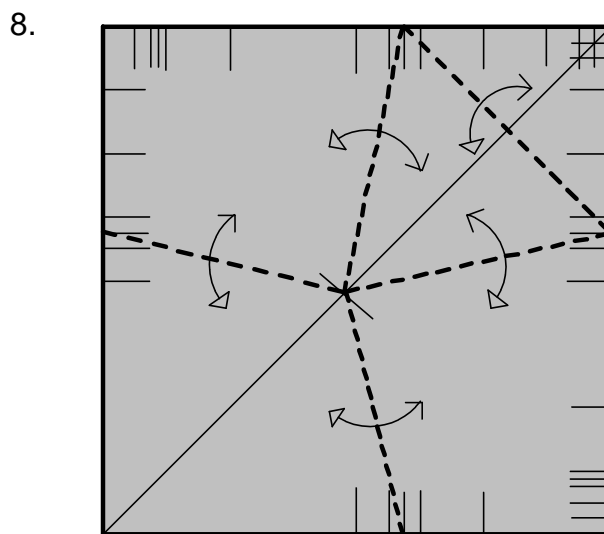
Pinch the indicated segments in half in nine places.



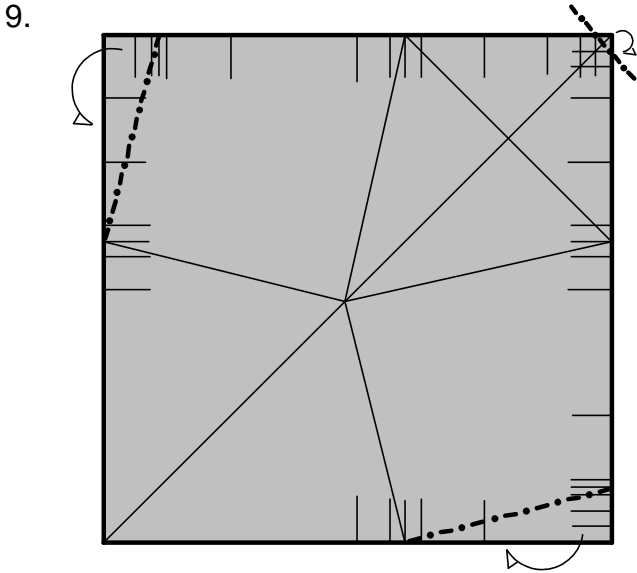
Pinch the indicated segments in half in two places.



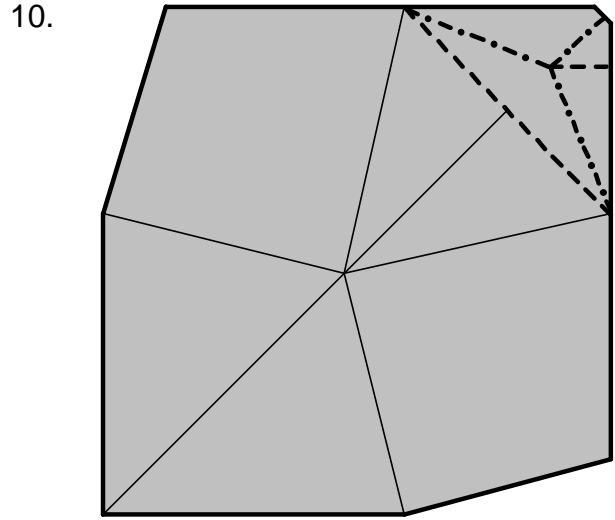
Fold and unfold in two places. Only make the second crease sharp where it hits the diagonal crease.



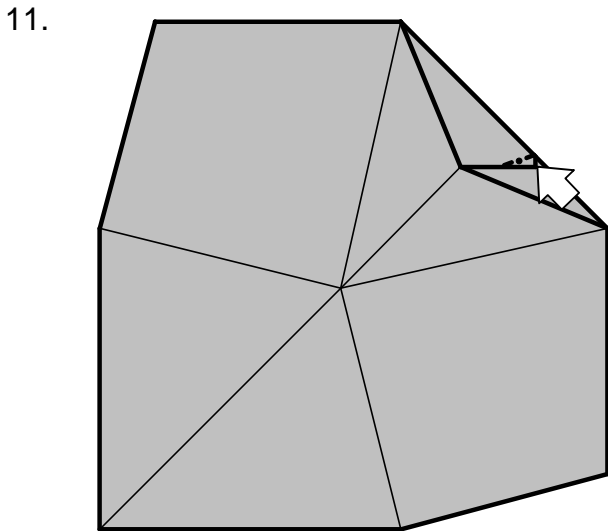
Fold and unfold in five places.



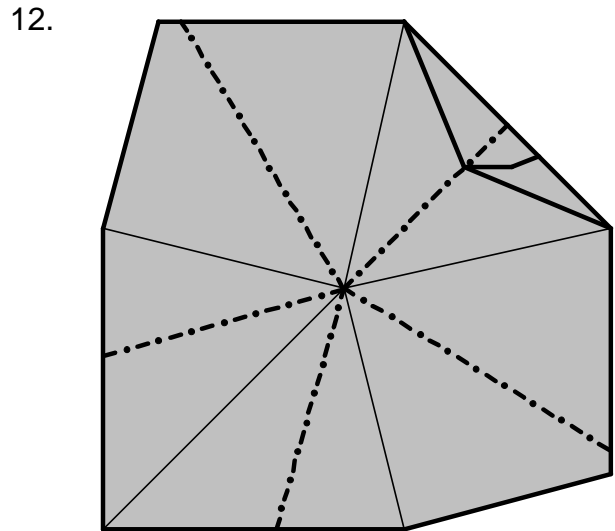
Mountain fold three corners behind. Do not unfold.



Fold a rabbit ear.

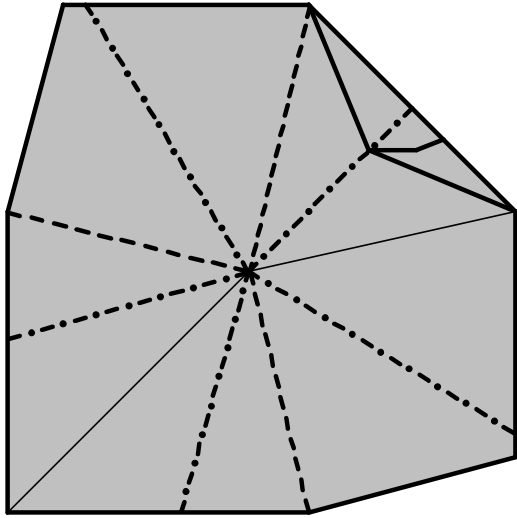


Reverse fold the corner of the small flap created by the rabbit ear so that all the raw edges line up.



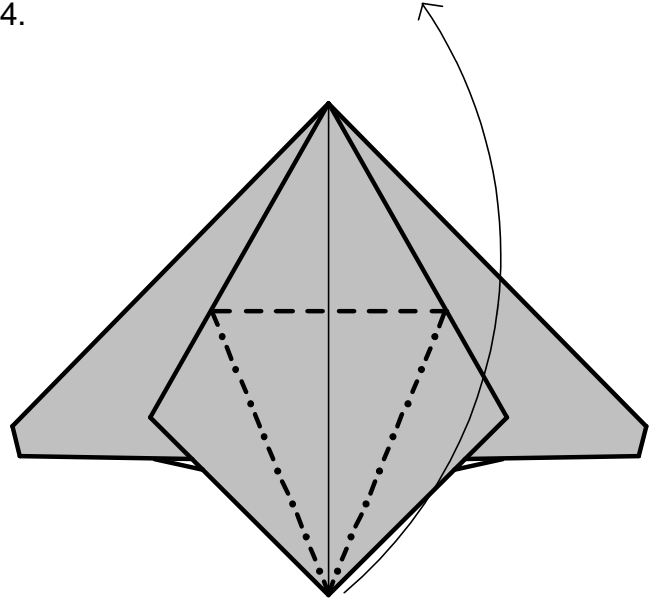
Mountain fold and unfold along five angle bisectors.

13.



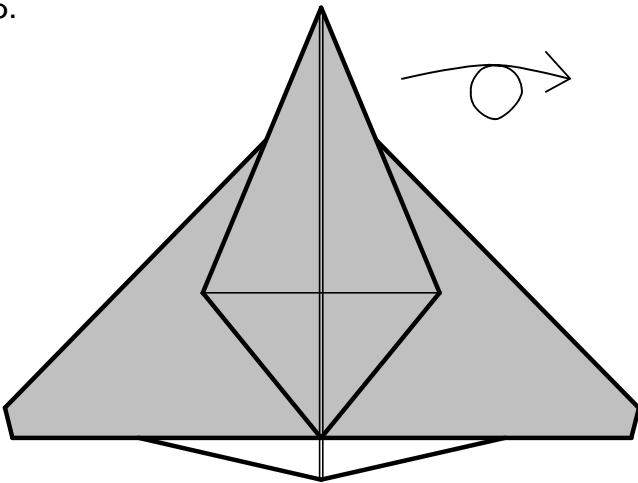
Collapse on existing creases.

14.



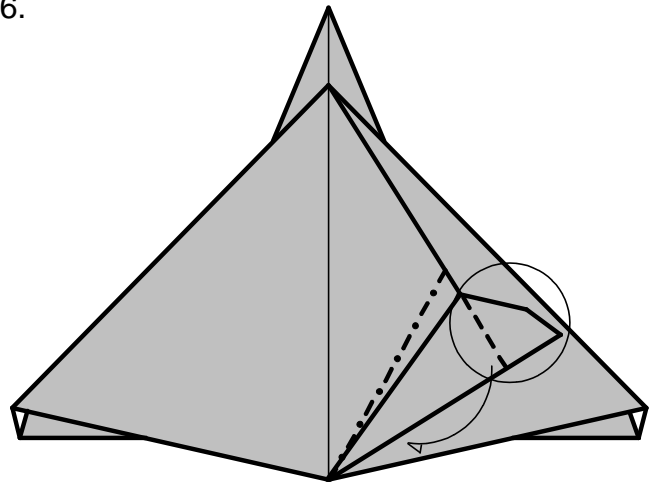
Petal fold the point upwards.

15.



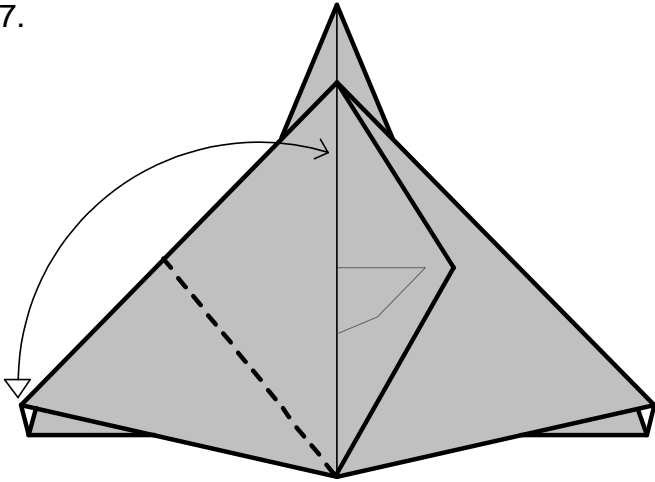
Turn over.

16.



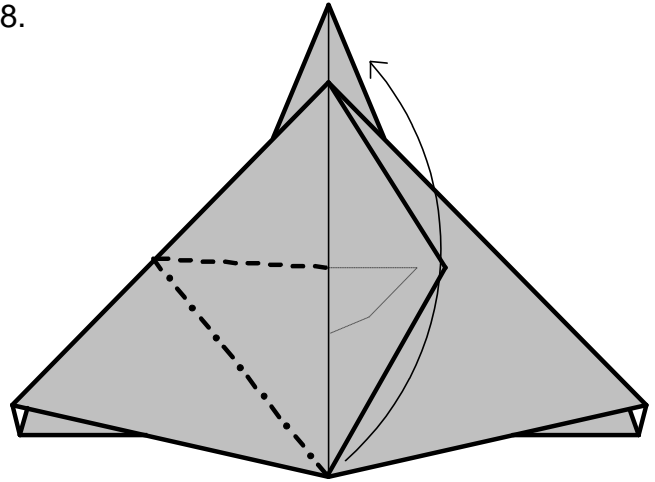
Reverse fold the head array (the circled part) inside the model. In the next step, the head array is shown in x-ray view.

17.



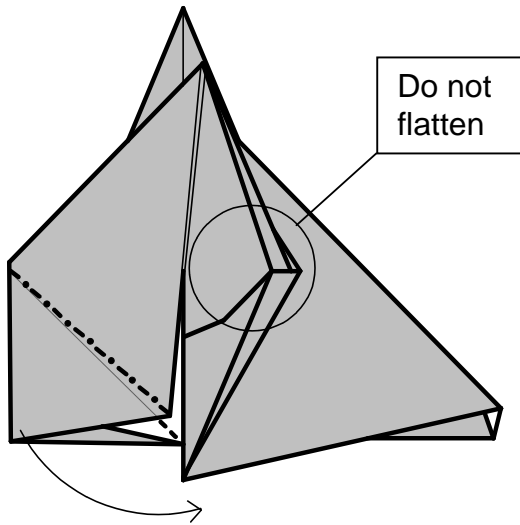
Fold and unfold along the angle bisector.

18.



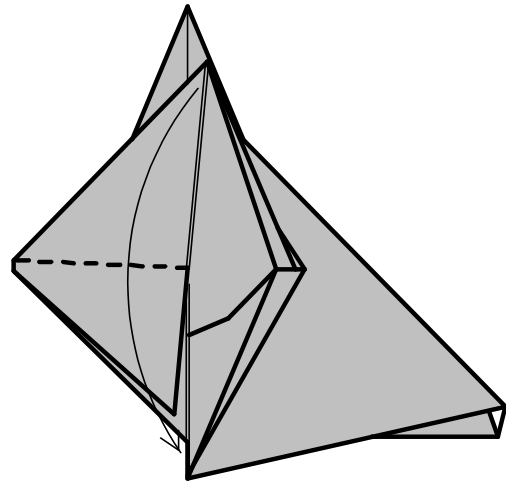
Fold the flap up (this is basically half of a petal fold). Only make the new crease sharp to the center-line (this crease is not quite horizontal). The circled area in the next step should not be pressed flat.

19.



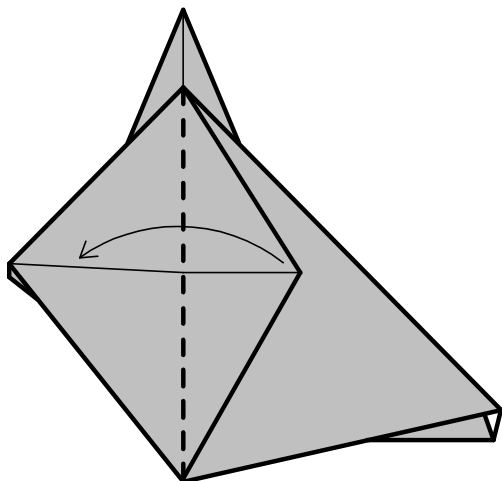
Inside reverse fold the flap at an off set. The mountain fold is an angle bisector for the top layer, while the valley fold is an angle bisector for the bottom layer.

20.



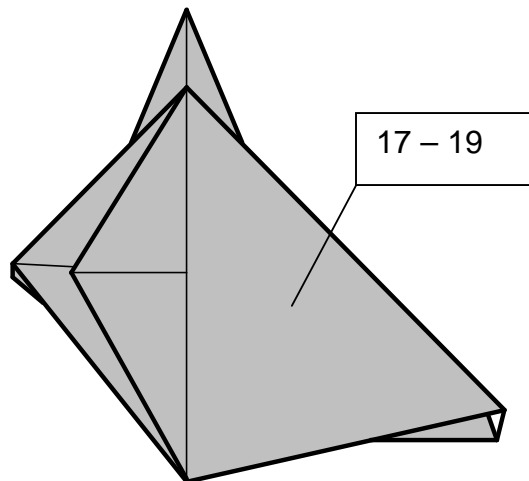
Fold the flap back down.

21.



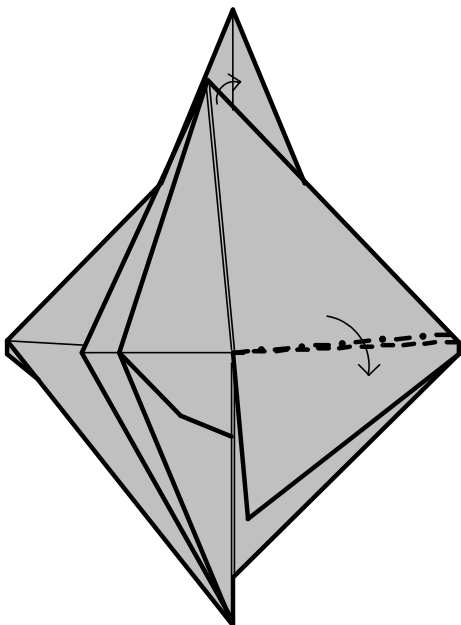
Swing the flap to the left.

22.



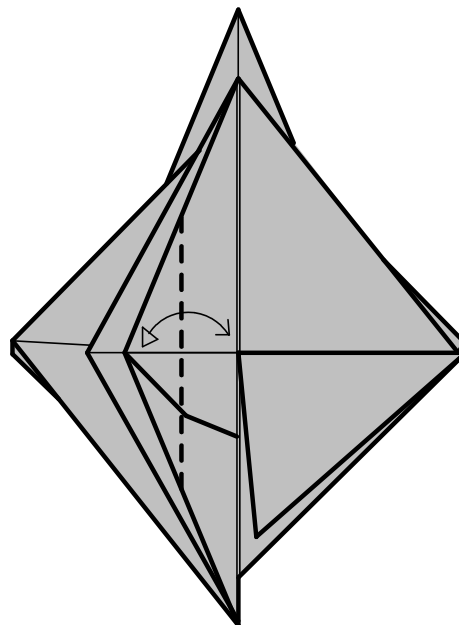
Repeat steps 17 through 19 in mirror image on the other side.

23.



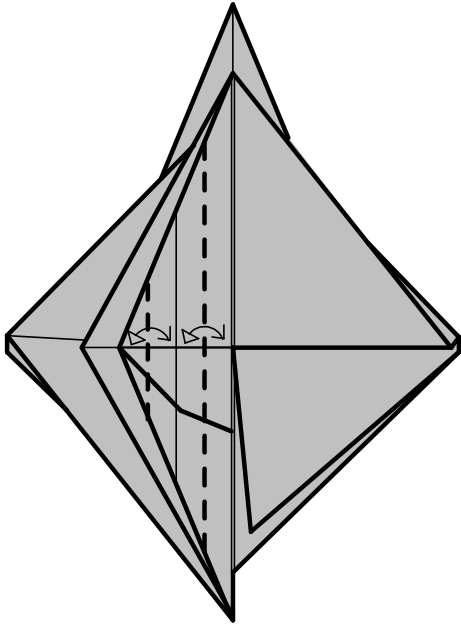
Adjust the top layer to line up with the center line.

24.



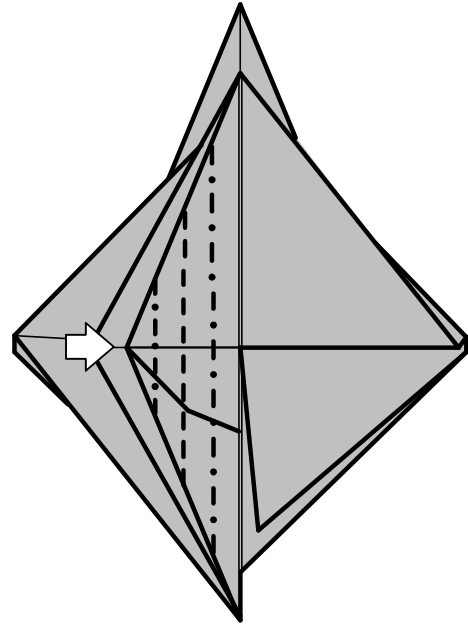
Fold and unfold.

25.



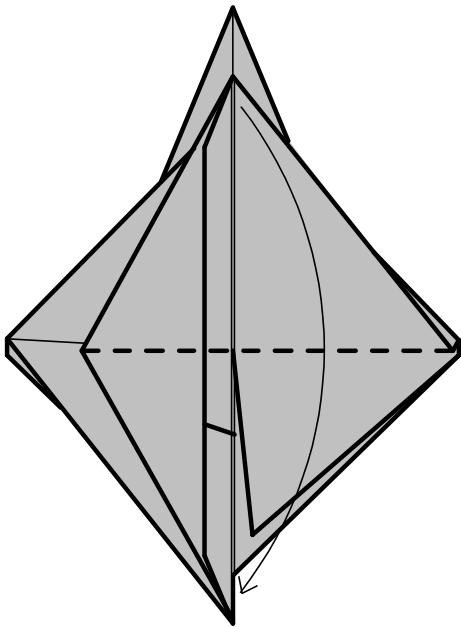
Fold and unfold in two places.

26.



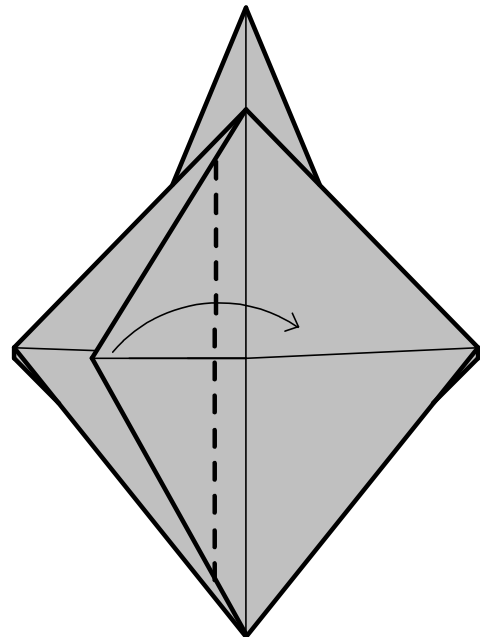
Open sink in and out on existing creases.

27.



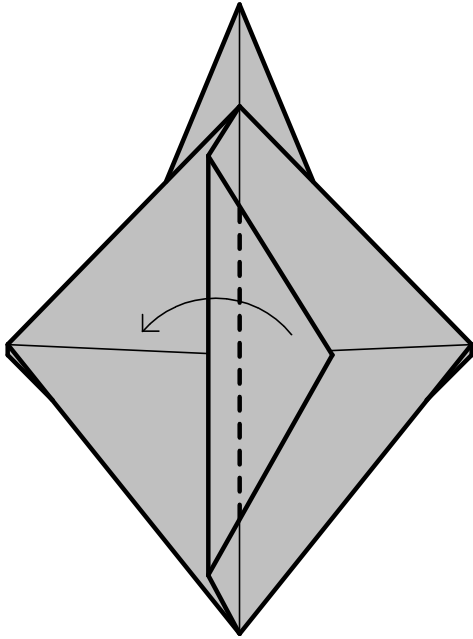
Fold the flap down.

28.



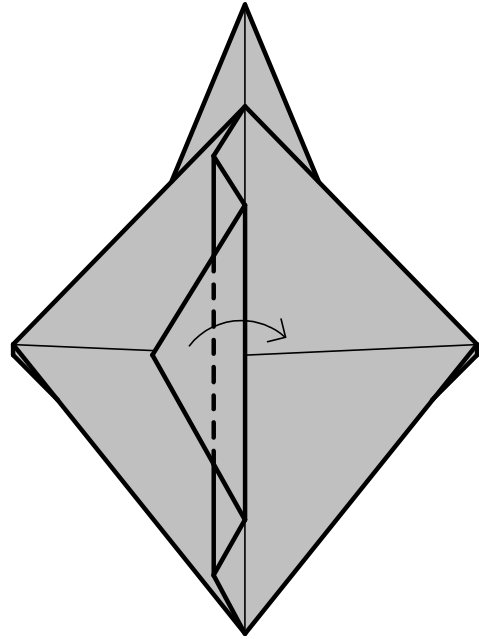
Fold the flap to the right. This fold lies along the edge of the flap which was narrowed in step 26.

29.



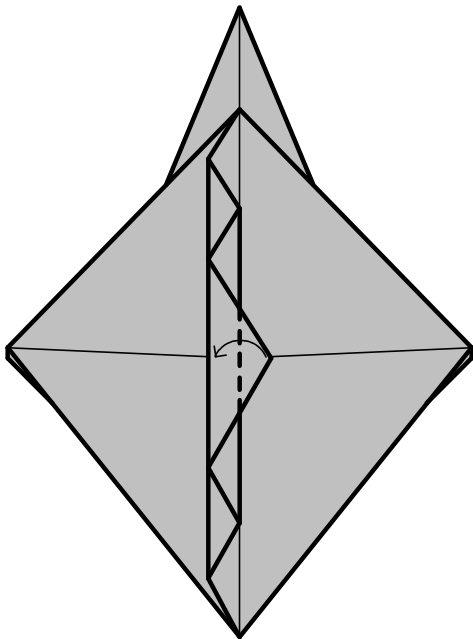
Fold the flap back to the left. This fold lies along the center line.

30.



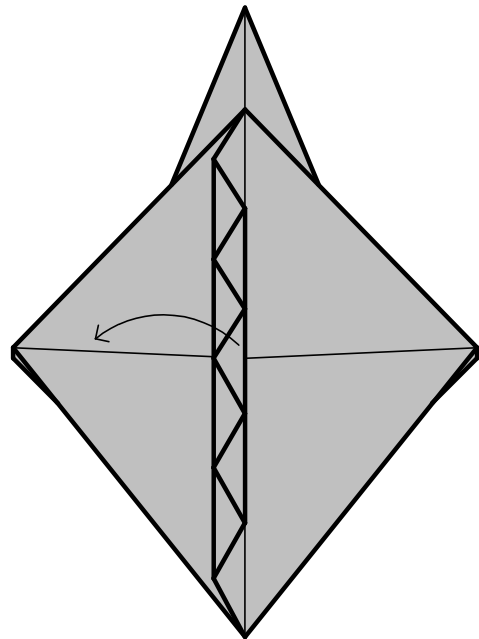
Fold the flap back to the right.

31.



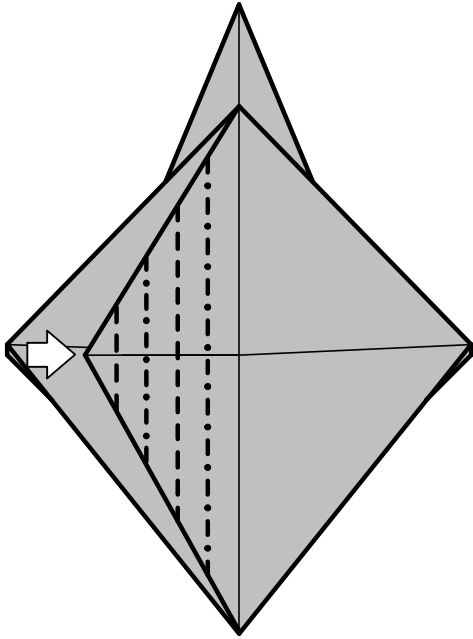
Fold the flap back to the left.

32.



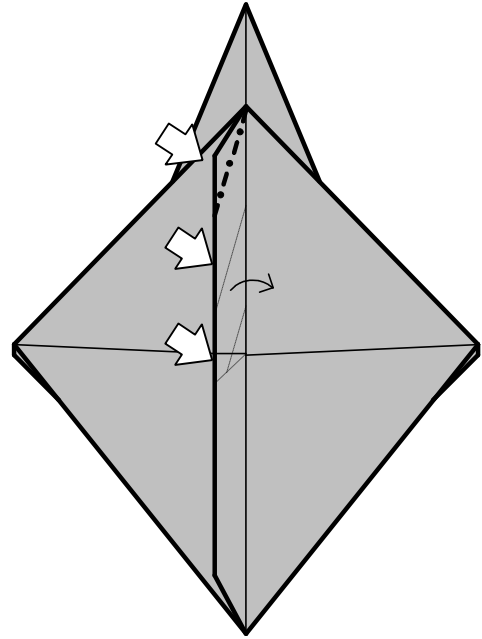
Unfold to step 28.

33.



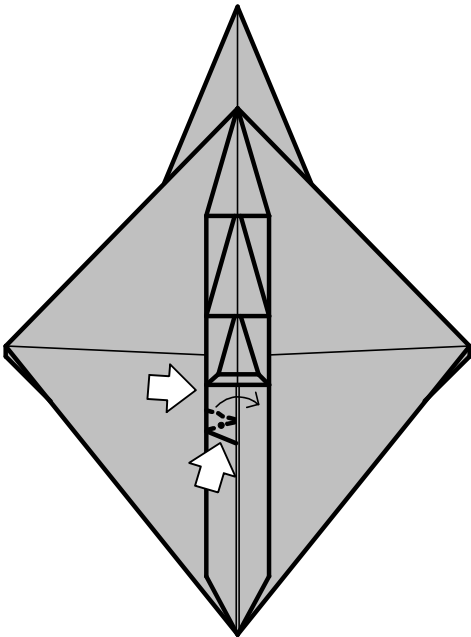
Open sink in and out on existing creases.

34.



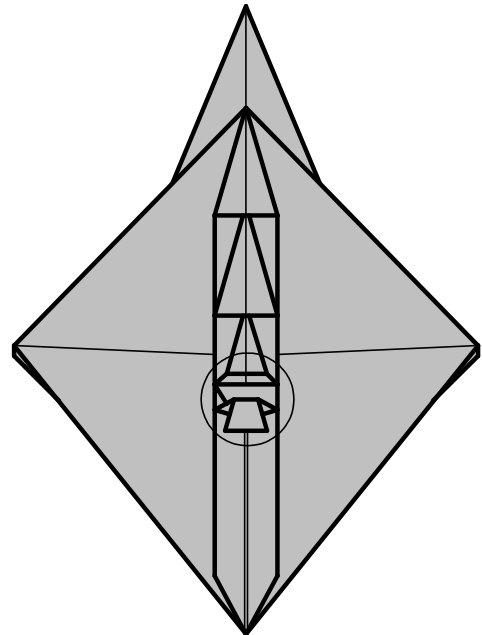
Spread the layers as evenly as possible – the head array will have to lay to one side. Three spread-sinks are necessary to do this.

35.



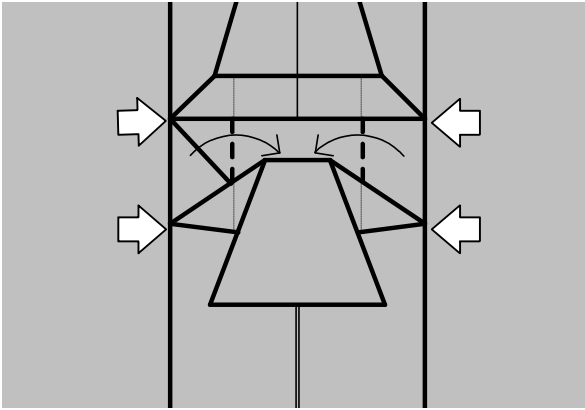
Fold one layer of the head to the right, reverse folding at the top and squashing the head.

36.



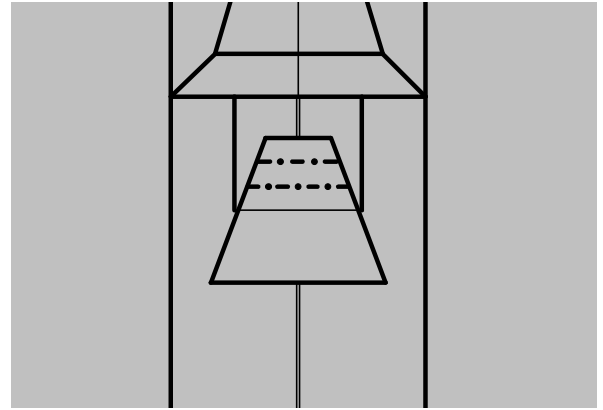
Steps 37 through 39 will focus on the head.

37.



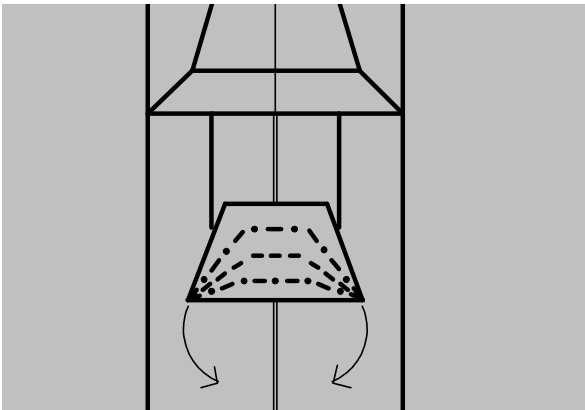
Fold the edges to the center line while reverse folding at the top and bottom.

38.



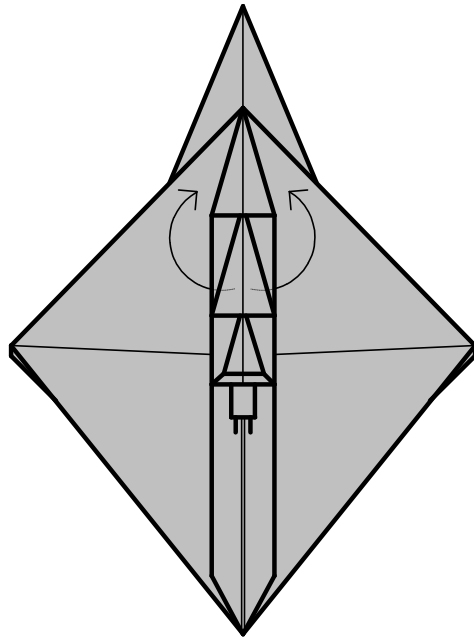
Divide the top part of the head into thirds and tuck it under with two mountain folds.

39.



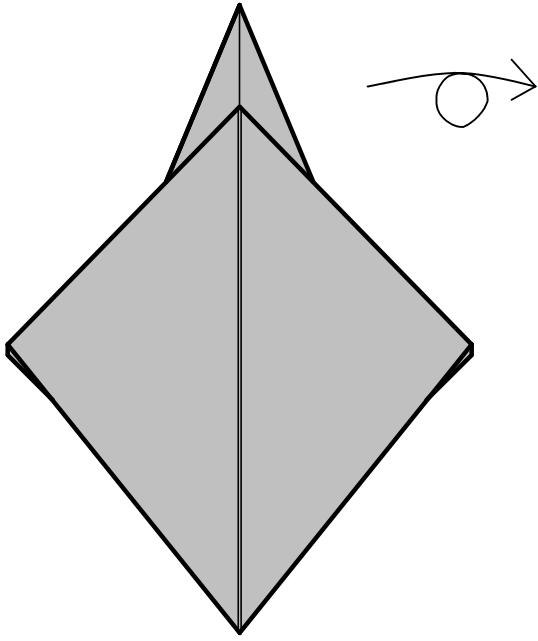
Narrow the antennae with mountain and valley folds (this essentially sinks the center of the head) while swinging them forward.

40.



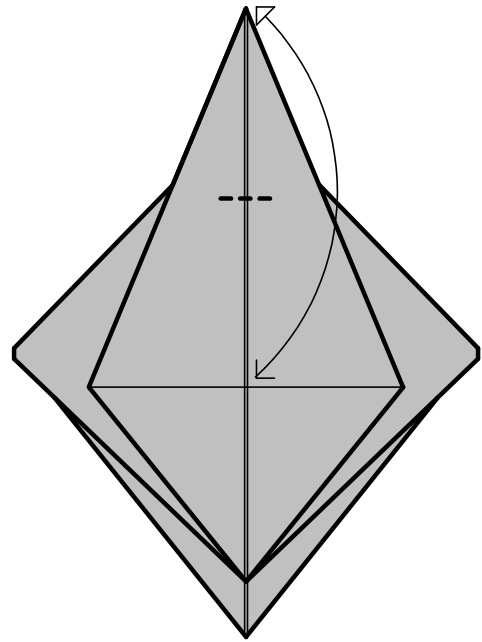
Bring a single layer forward on each side. This is essentially like two closed sinks.

41.



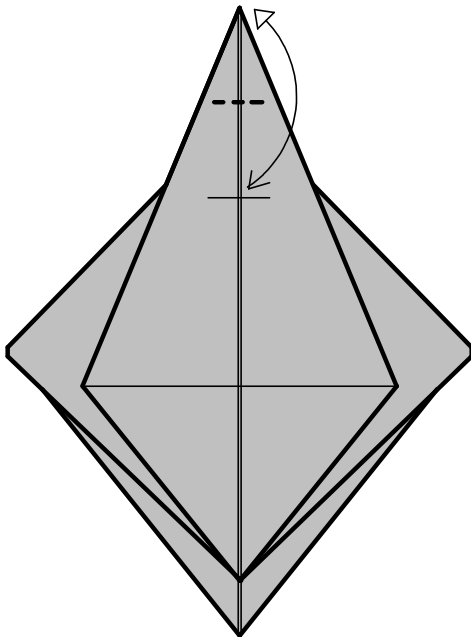
Turn over.

42.



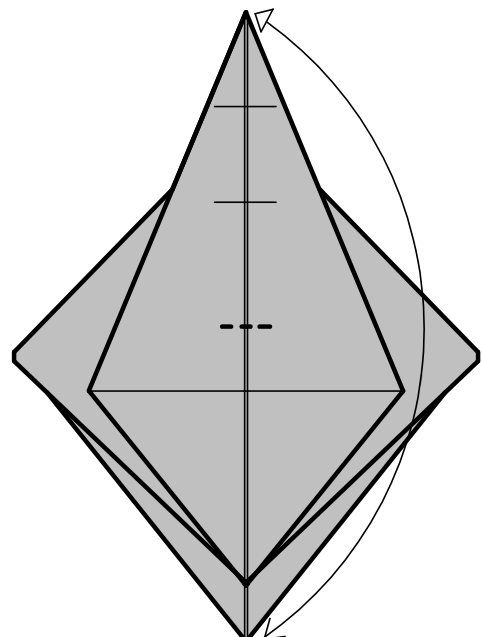
Pinch in one place.

43.



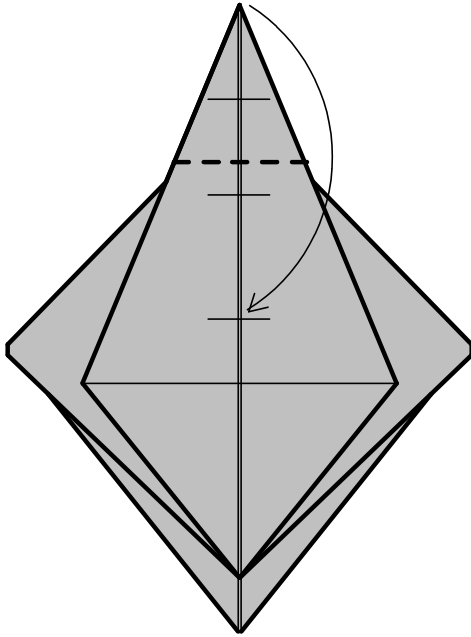
Pinch in one place.

44.



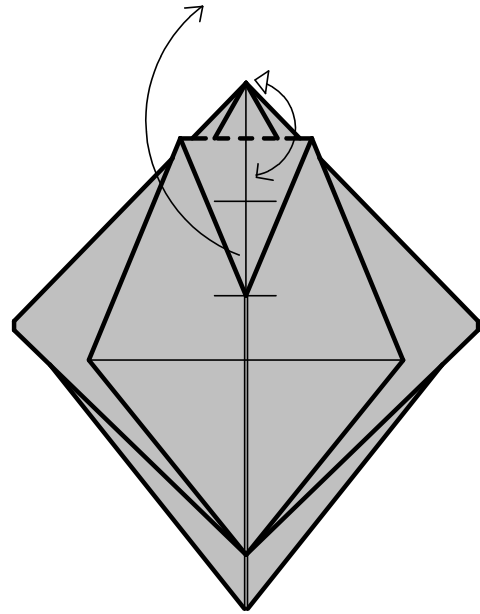
Pinch in one place.

45.



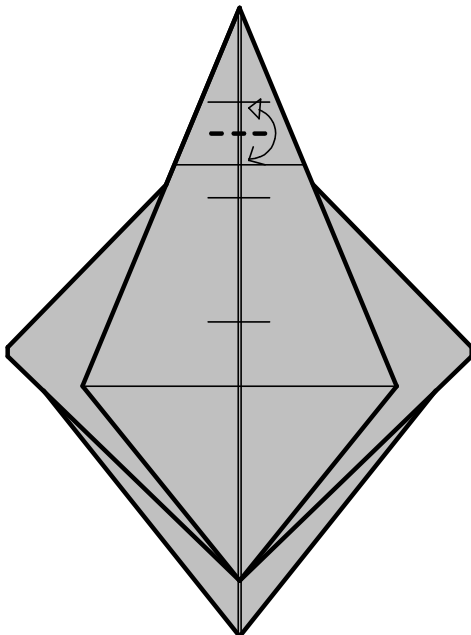
Fold but do not unfold.

46.



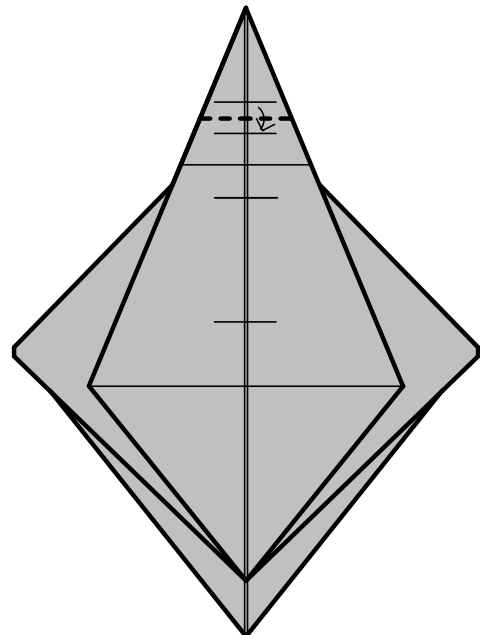
Fold and unfold the next flap along the same line as the fold from step 45, then fold the first flap back up.

47.



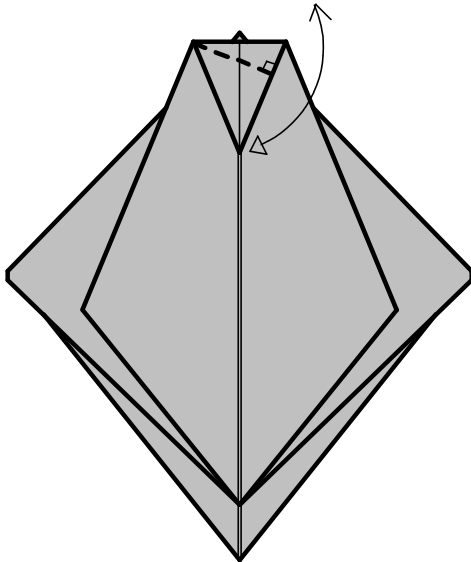
Pinch in one place.

48.



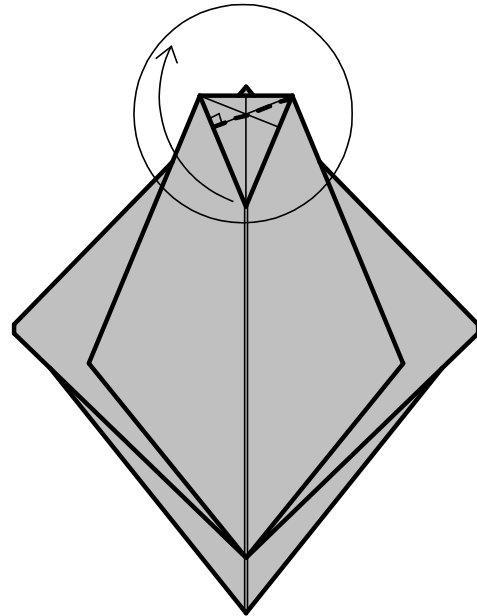
Fold, but do not unfold.

49.



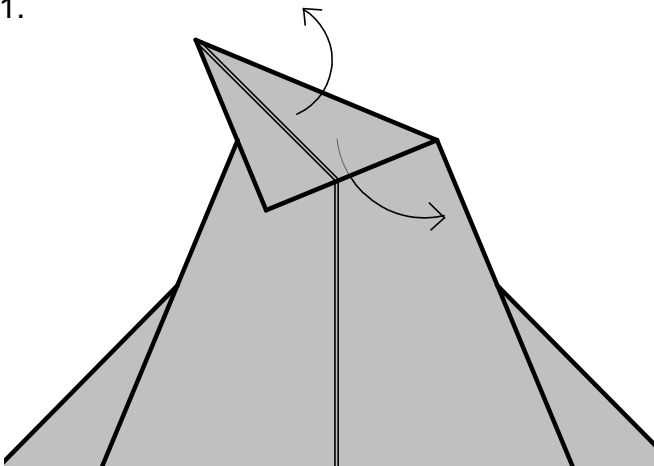
Fold and unfold. This fold is perpendicular to the edge of the flap.

50.



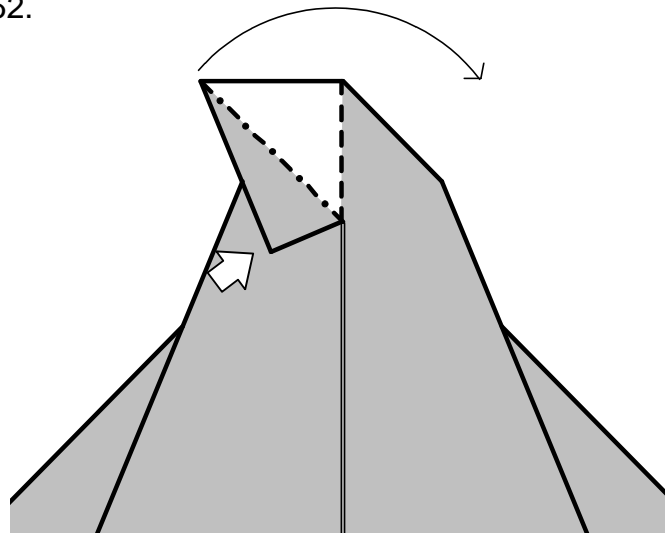
Repeat step 49 in the other direction, but do not unfold. Steps 51 through 58 will focus on the circled area.

51.



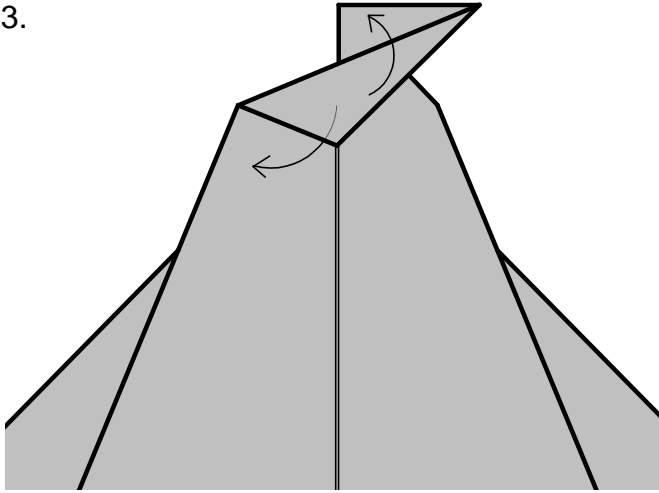
Pull a single trapped layer out of the flap.

52.



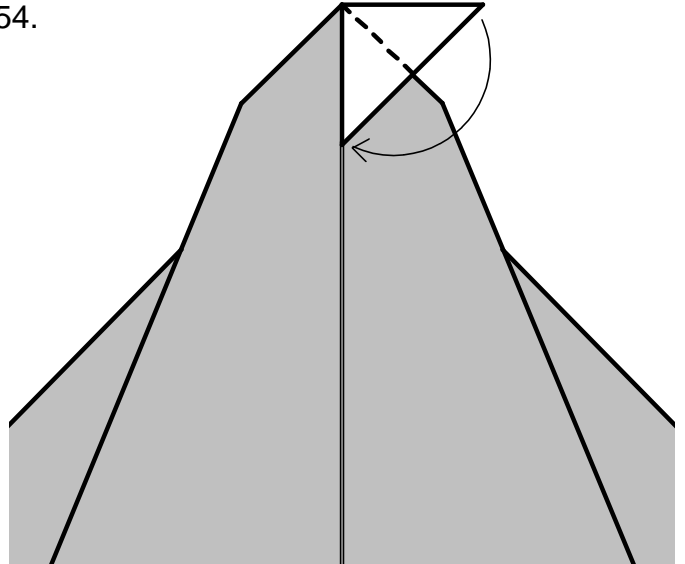
Swing the flap to the right while squash folding the edge.

53.



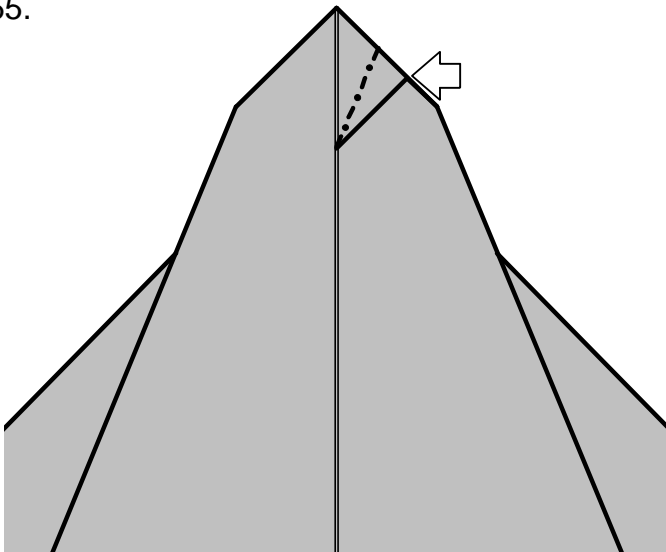
Pull a single trapped layer out of the flap.

54.



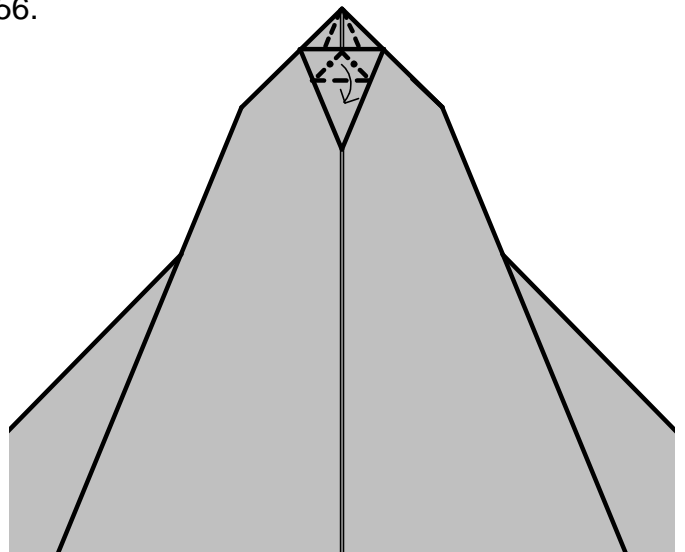
Outside reverse fold the point down.

55.



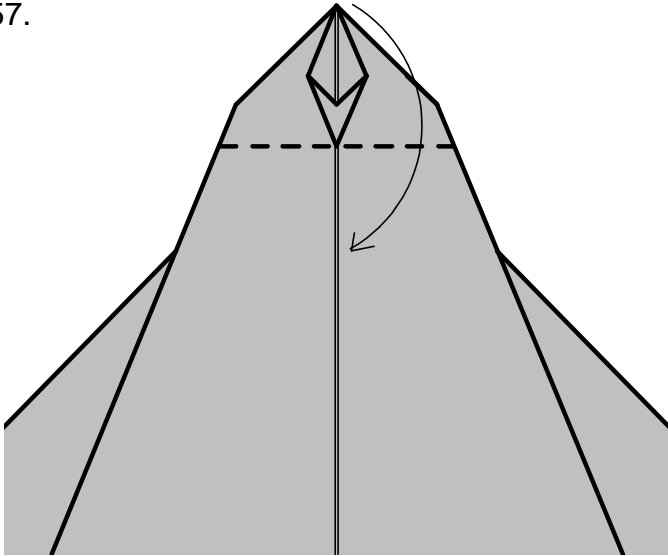
Squash fold the edge.

56.



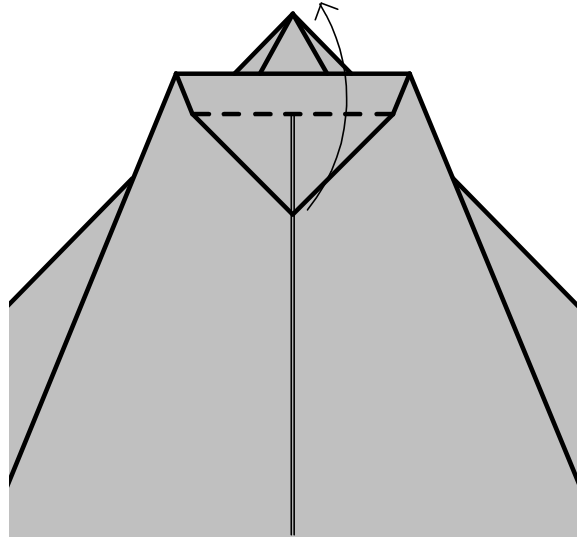
Petal fold the edge.

57.



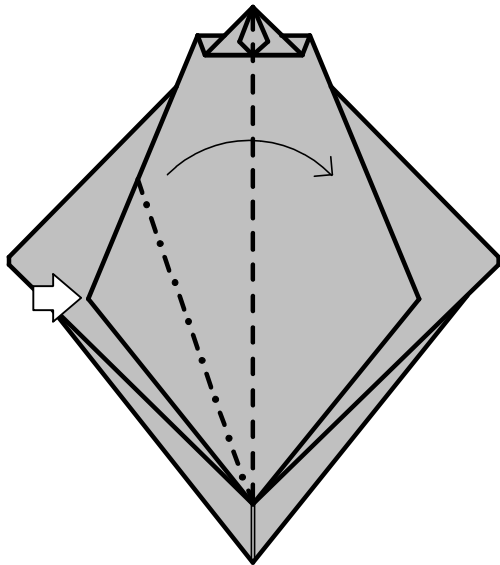
Valley fold down.

58.



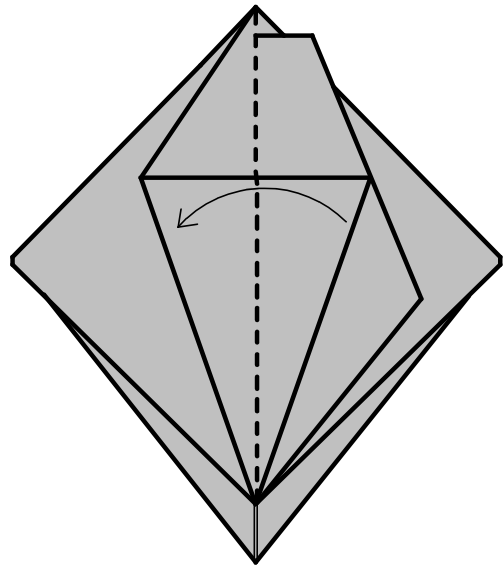
Fold the flap back up.

59.



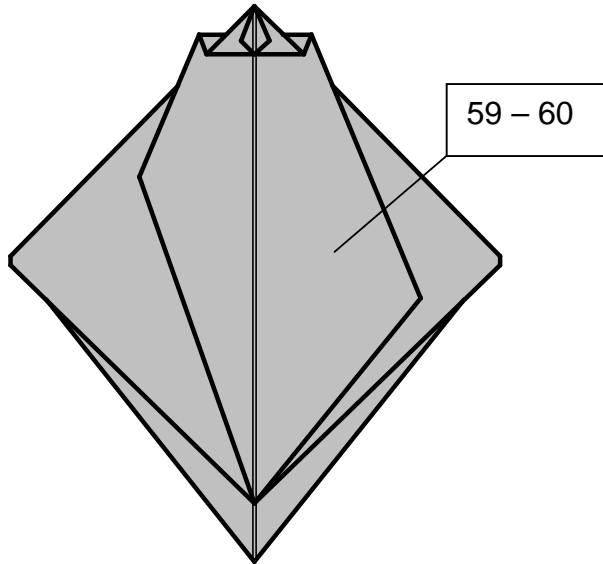
Spread sink the corner.

60.



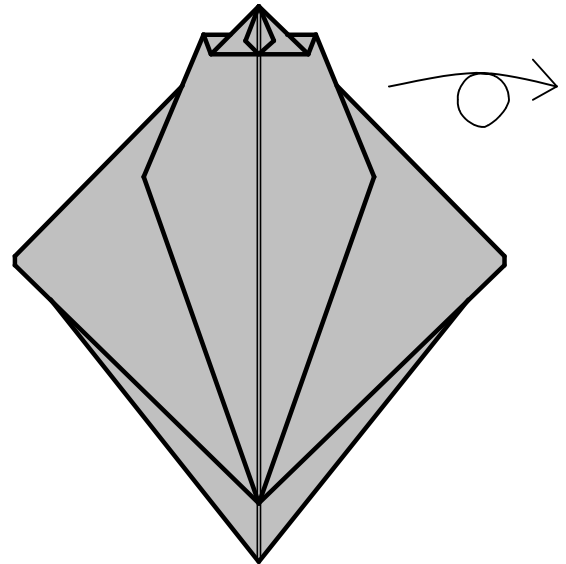
Fold the flap back to the left.

61.



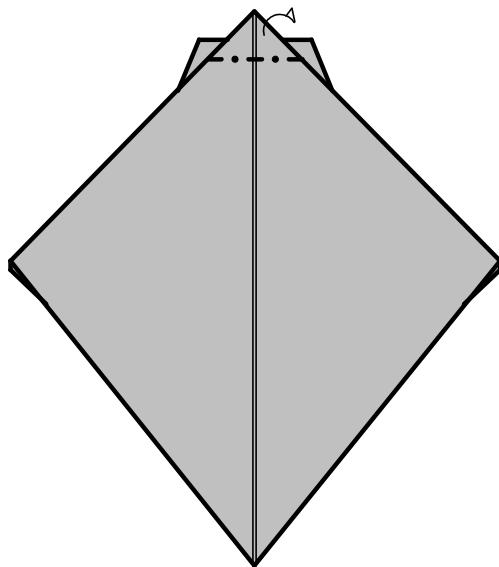
Repeat steps 60 and 61 on the other side.

62.



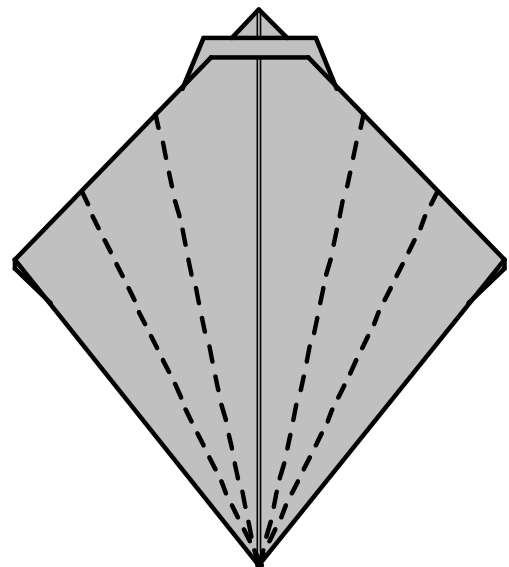
Turn over.

63.



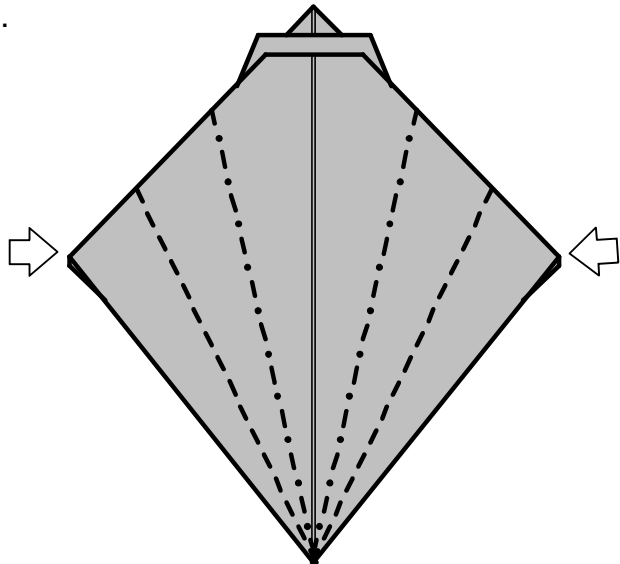
Mountain fold the point behind on an existing crease.

64.



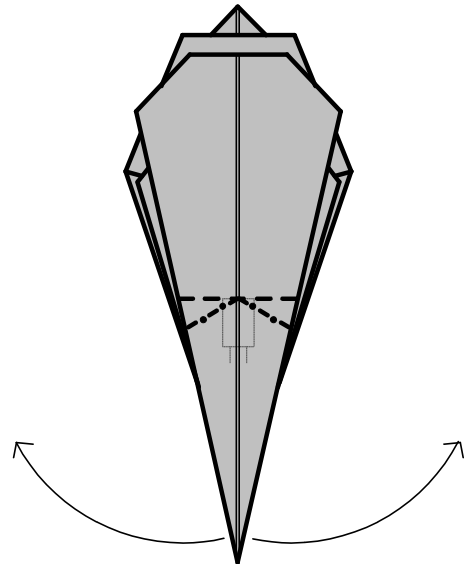
Divide each angle into thirds.

65.



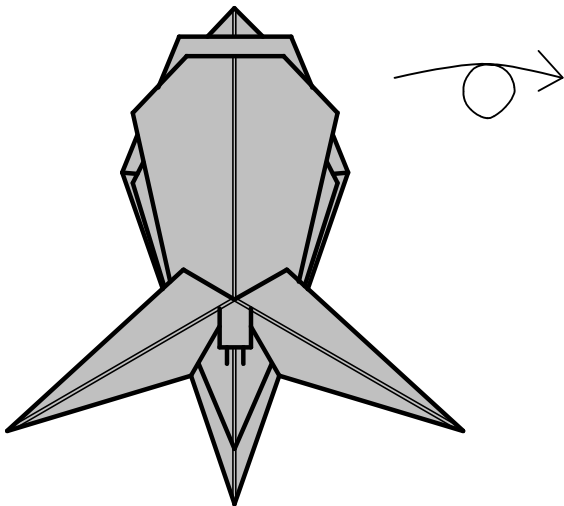
Open sink in and out on existing creases. Adjust the folds of the layers underneath so that the two hidden flaps on each side also come to sharp points.

66.



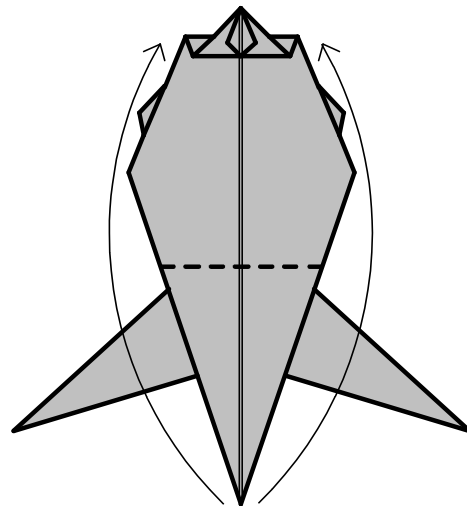
Squash fold the top pair of points out to the side. The head should stay in place and now becomes visible.

67.



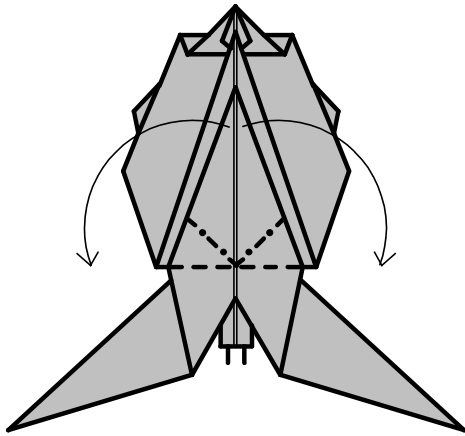
Turn over.

68.



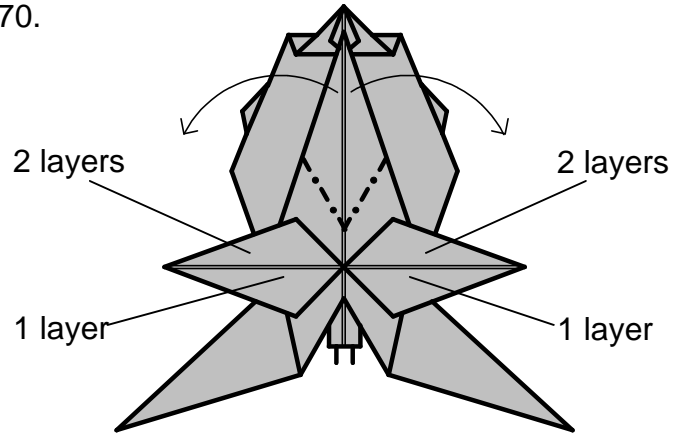
Fold all four points up as far as possible.

69.



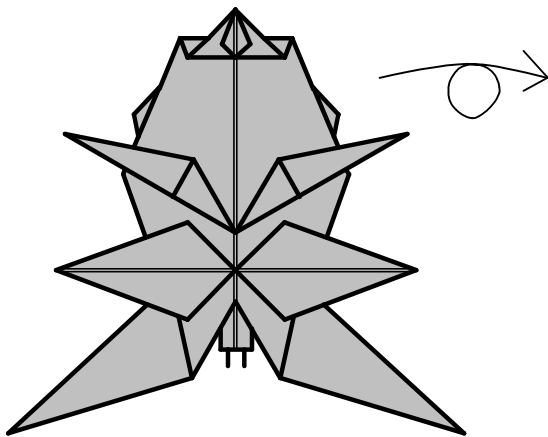
Squash fold the top pair of points out to the side. Only one layer goes down, and two go up. Small gussets may form.

70.



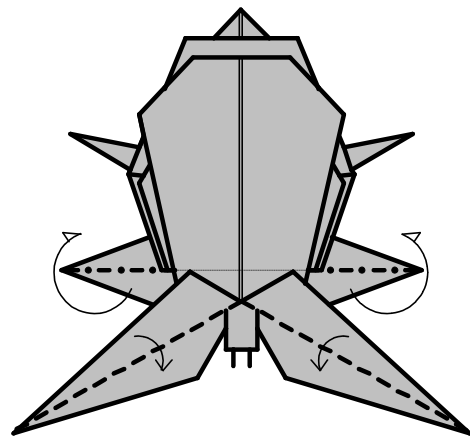
Inside reverse fold the last two points to the side.

71.



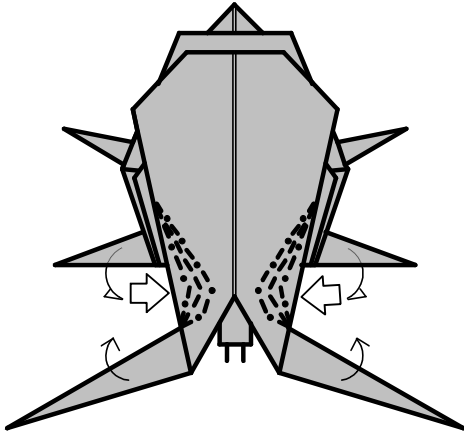
Turn over.

72.



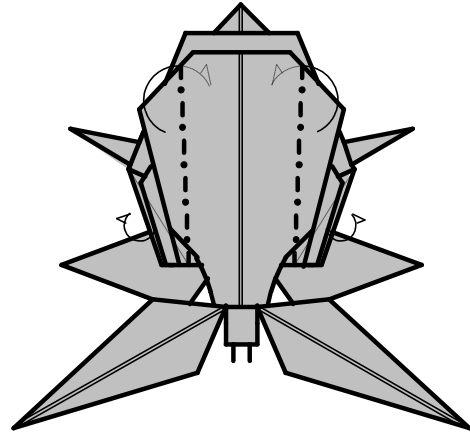
Mountain fold the middle legs in half and valley fold the front legs in half.

73.



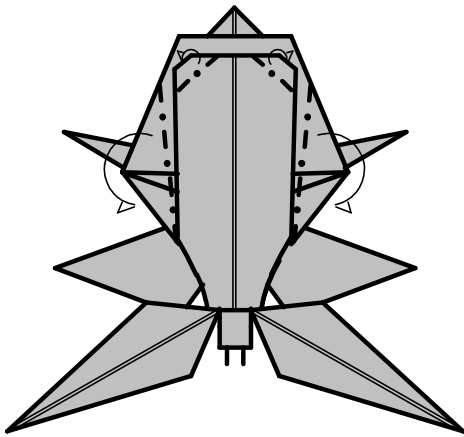
Narrow the body by pinching, then unfold the middle and front pairs of legs.

74.



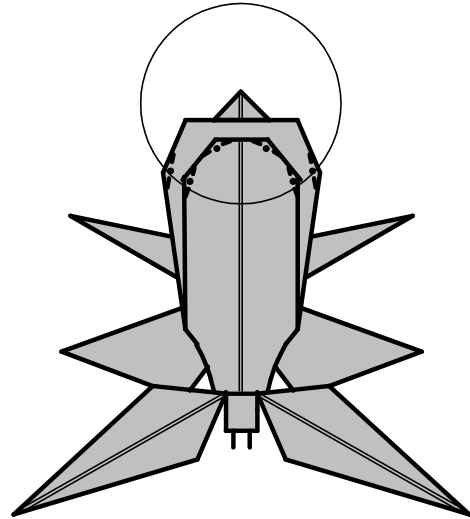
Narrow the top flap of the abdomen with swivel folds.

75.



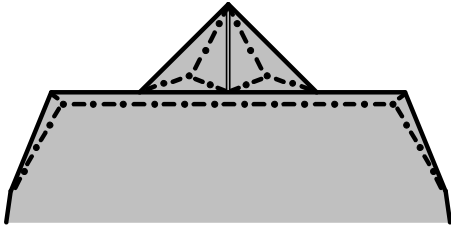
Shape the top and bottom flaps of the abdomen with mountain folds.

76.



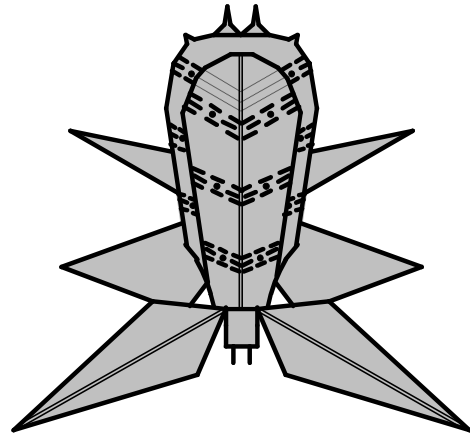
Further round the top and bottom flaps of the abdomen by mountain folding six corners. Step 77 will focus on the circled region.

77.



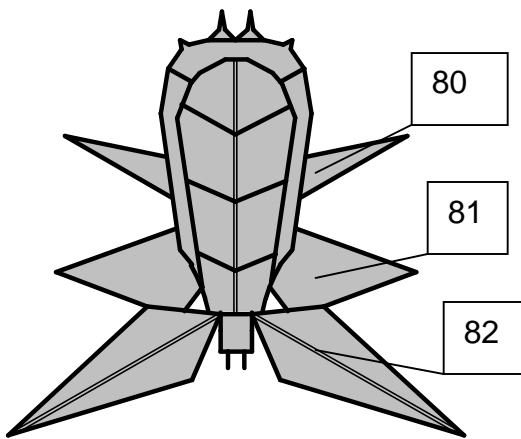
Pinch the four corners at the top into points.

78.



Pinch a single layer of each flap of the abdomen in order to create the veins of the leaf.

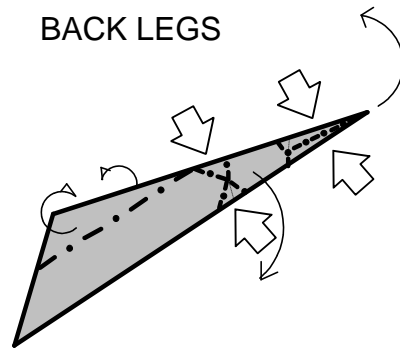
79.



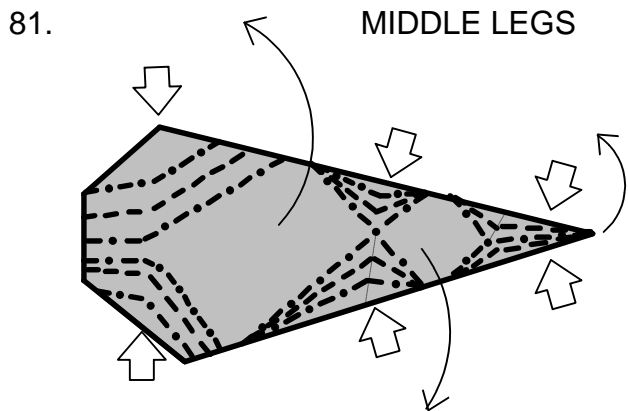
Step 80 will show a detail of the hind legs, step 81 will show a detail of the middle legs, and step 82 will show a detail of the front legs.

80.

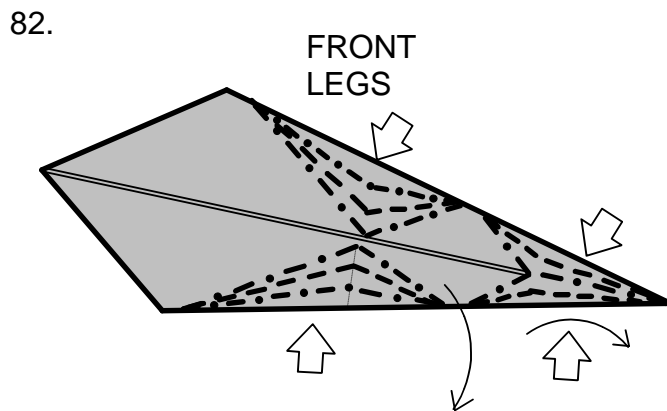
BACK LEGS



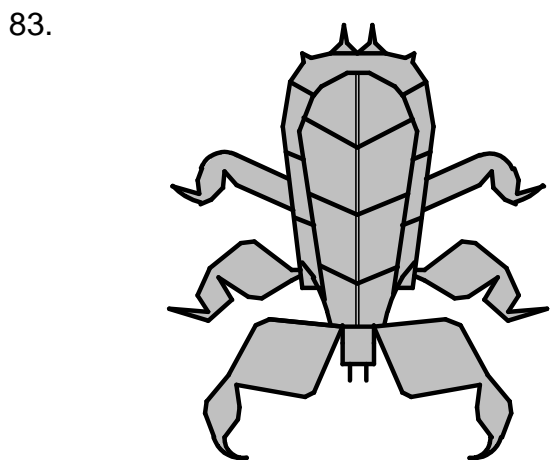
Narrow the leg with a mountain fold on the near layer and a valley fold on the far layer. Pinch the leg just above the narrowed portion and swing it forward. Pinch the tip of the leg and swing it back out. Look at step 83 to see the final product.



Pinch the leg in three places. At the first pinch, swing the whole leg slightly toward the abdomen. At the second pinch, swing the rest of the leg back toward the head. While pinching the tip of the leg, swing it back out. Look at step 83 to see the final product.



Pinch the leg in two places. Swing the rest of the leg slightly forward after the first pinch. Slightly curve the tip of the leg after pinching it.



Finished Walking Leaf.

84.