

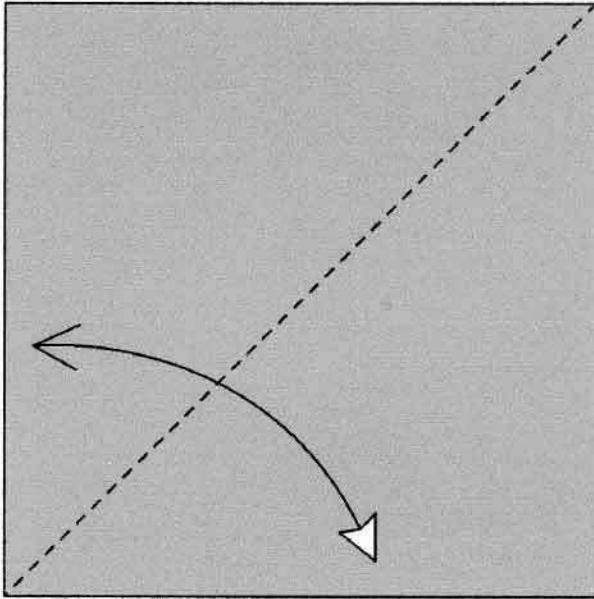
# Maine Lobster by Robert Lang

## Maine Lobster

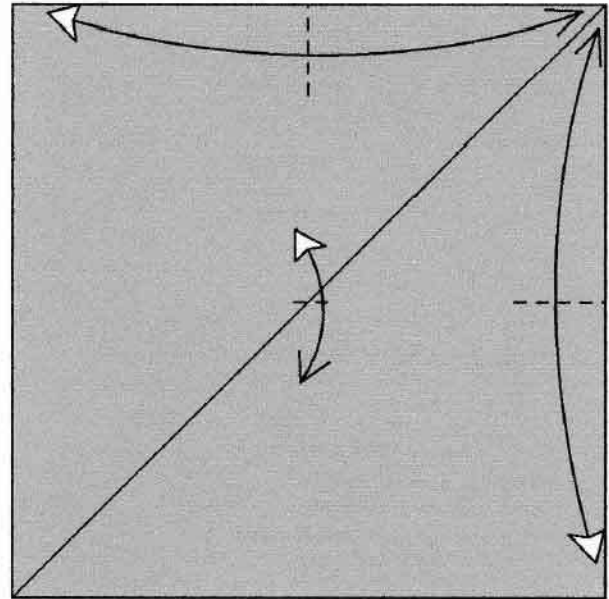
### Opus 447

Designed by Robert J. Lang

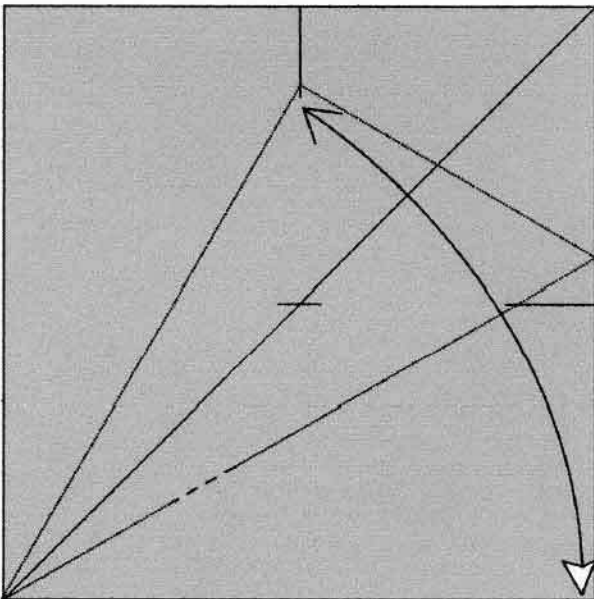
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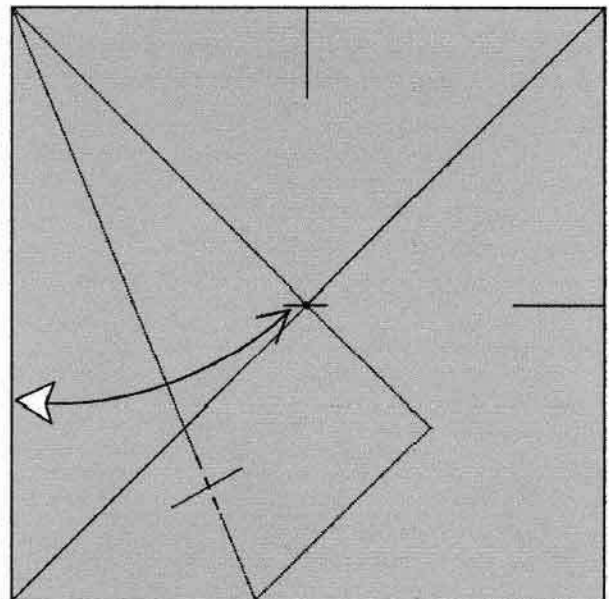
1. Begin with square, colored side up. Fold and unfold along one diagonal.



2. Make pinches along the midpoints of the top and right edges and a short pinch in the middle of the square.

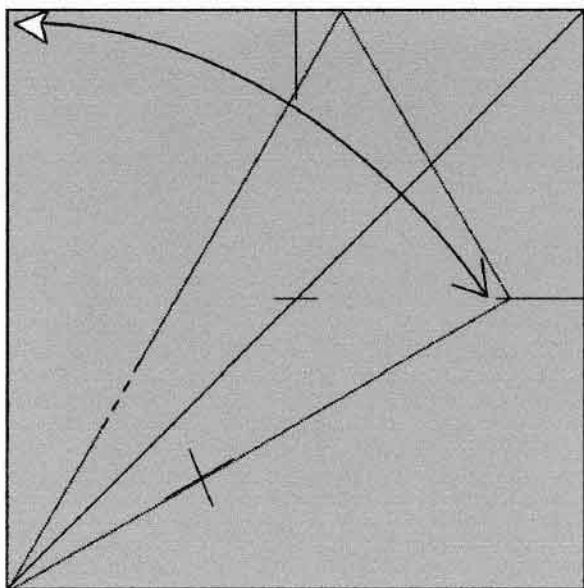


3. Fold the bottom corner up to the pinch along the top edge and unfold, making the crease sharp only where shown.

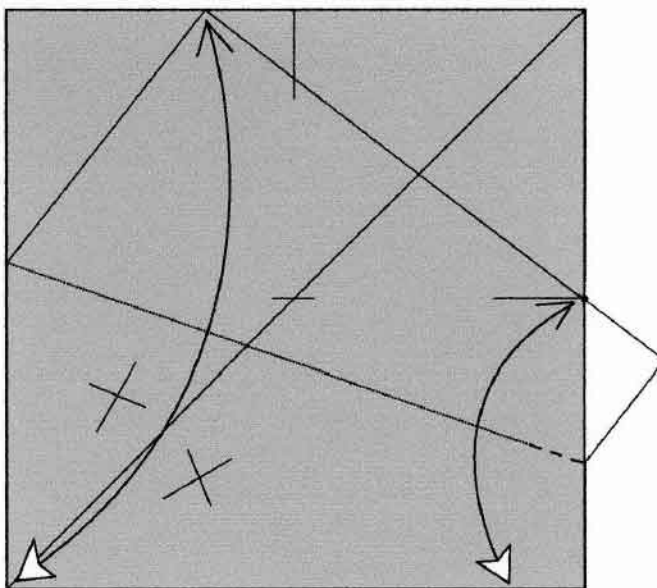


4. Fold the left edge to the center point, making the crease sharp only where it crosses the mark you just made.

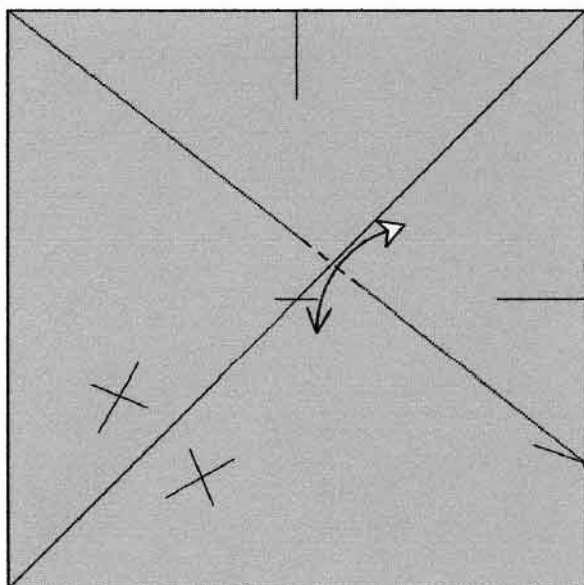
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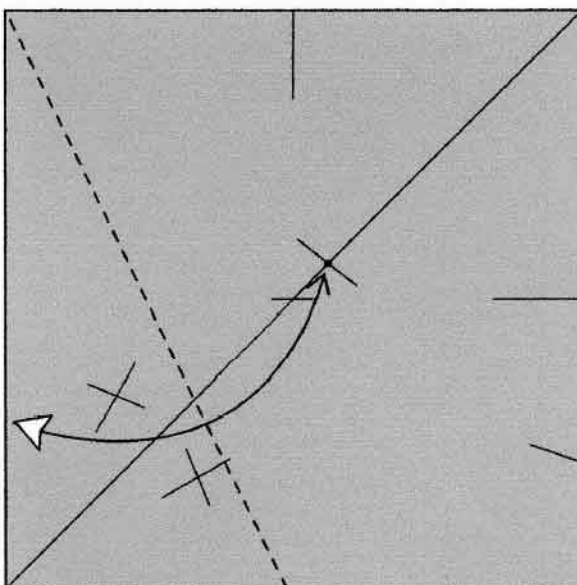
**5. Repeat steps 3–4 on the opposite side of the diagonal.**



6. Fold the lower left corner up to the top edge so that the bottom edge goes through the midpoint of the right side, making a pinch along the right. Unfold.

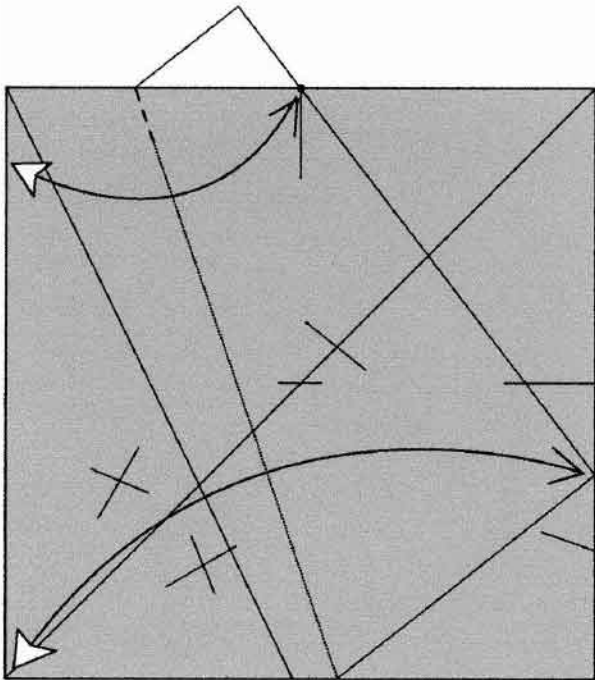


**7. Make a fold from the upper left corner to the mark you just made, pinching where it crosses the diagonal. Unfold.**

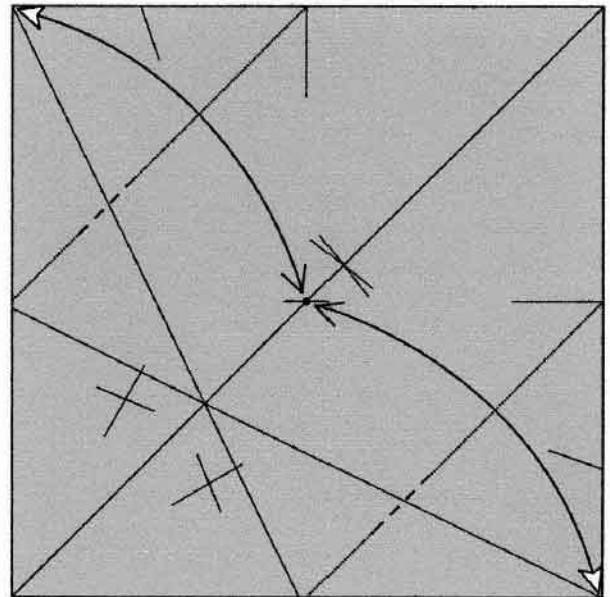


**8.** Fold the left edge to the point you just made and unfold, creasing all the way across the square.

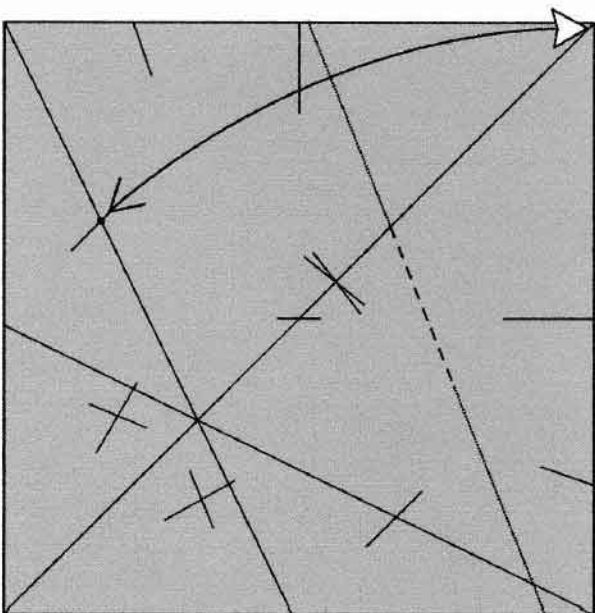
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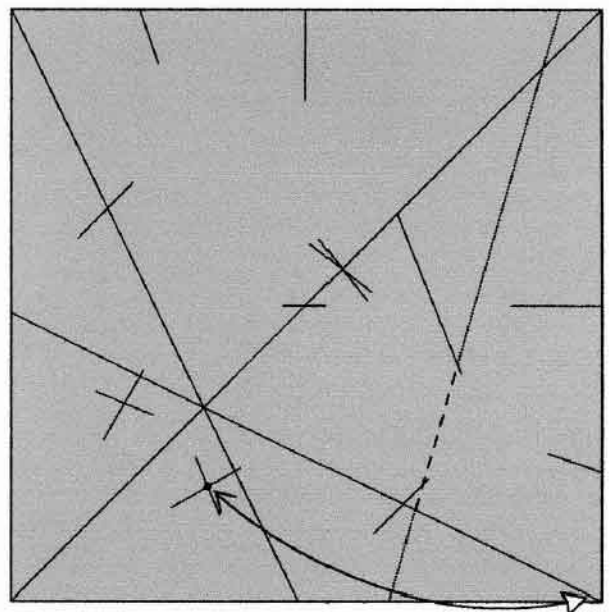
9. Repeat steps 6–8 on the opposite side of the diagonal.



10. Fold two corners to the center and unfold, making a pinch where each fold crosses an existing crease.

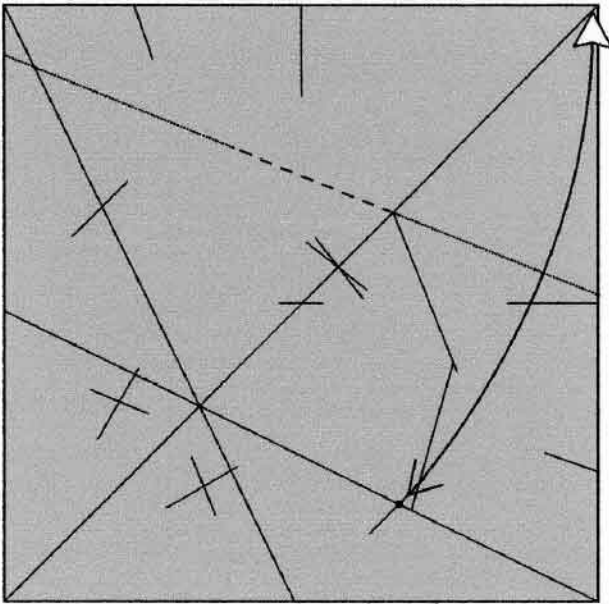


11. Bring the upper right corner to the intersection shown, making the fold sharp below the diagonal of the square.

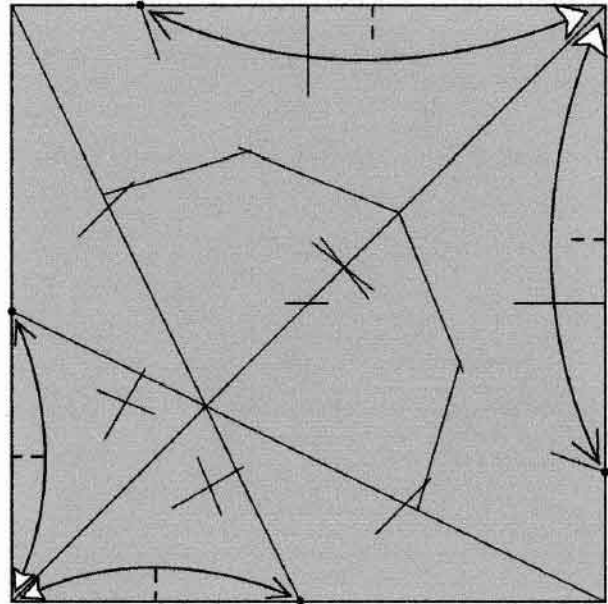


12. Bring the lower right corner to the intersection shown, making the fold sharp between two existing creases.

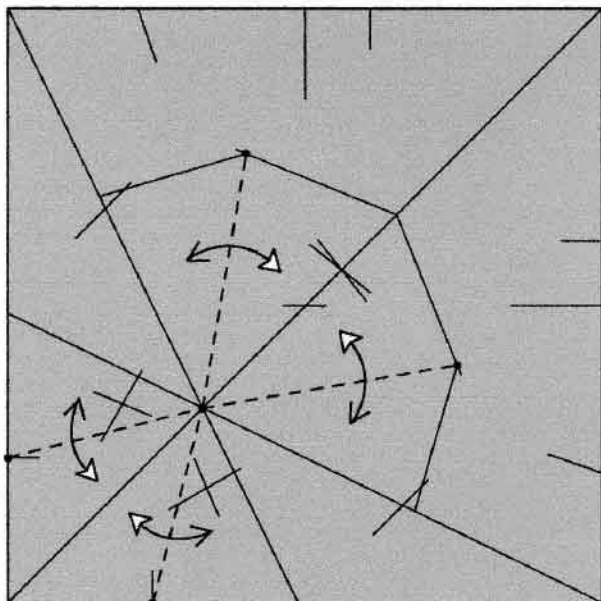
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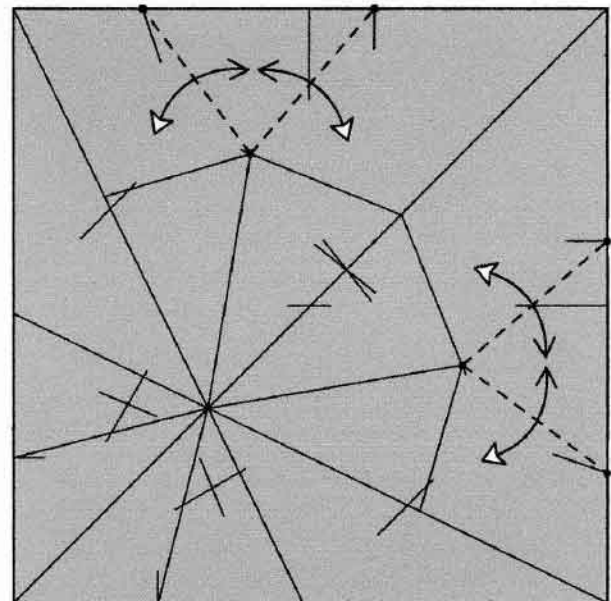
**13.** Repeat steps 11–12 on the opposite side of the diagonal.



**14.** Make four pinches along the edges.

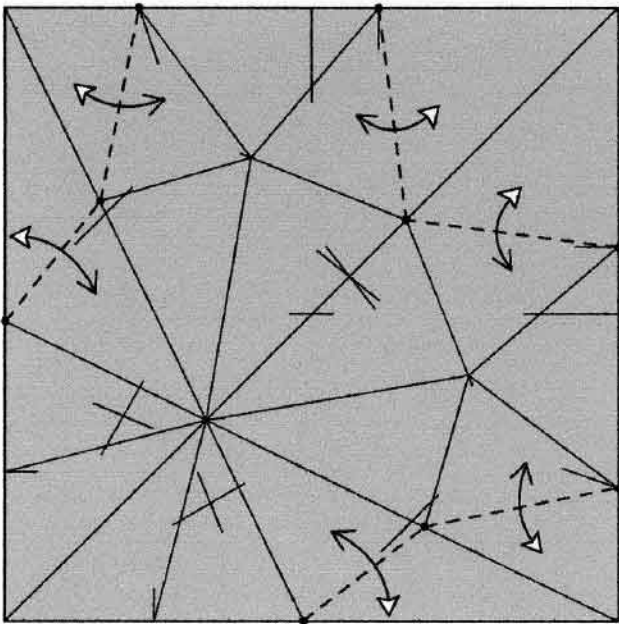


**15.** Connect 5 points with creases.

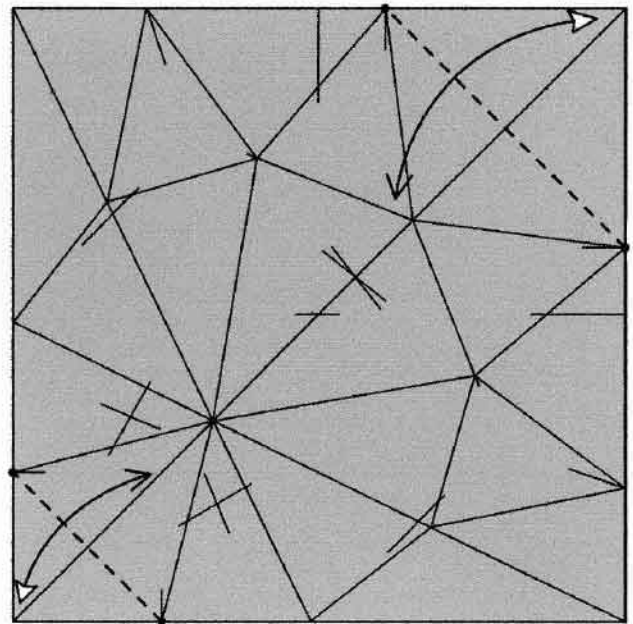


**16.** Add four more creases.

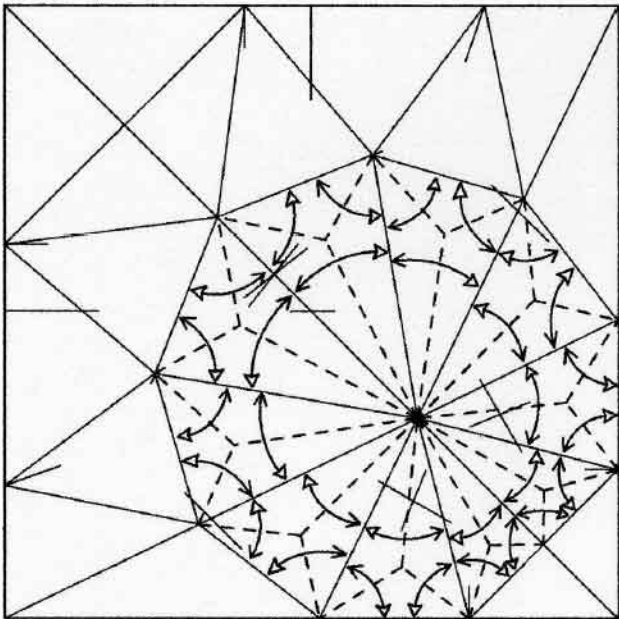
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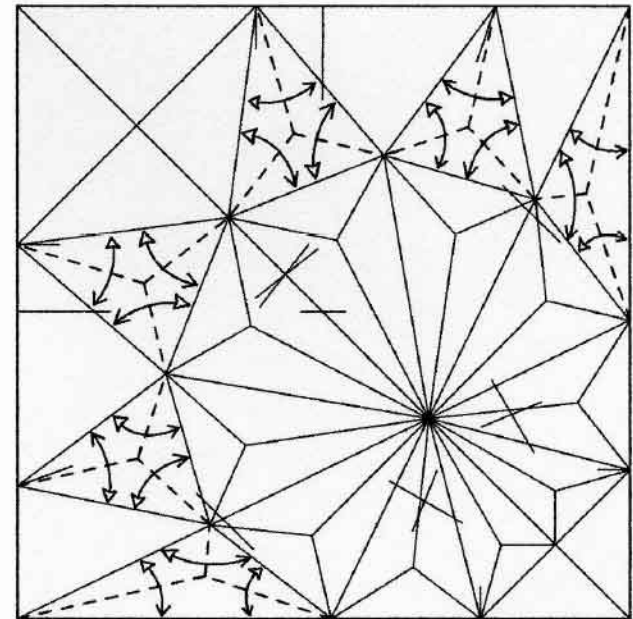
17. Add six more creases.



18. Add two more creases. Turn the paper over.



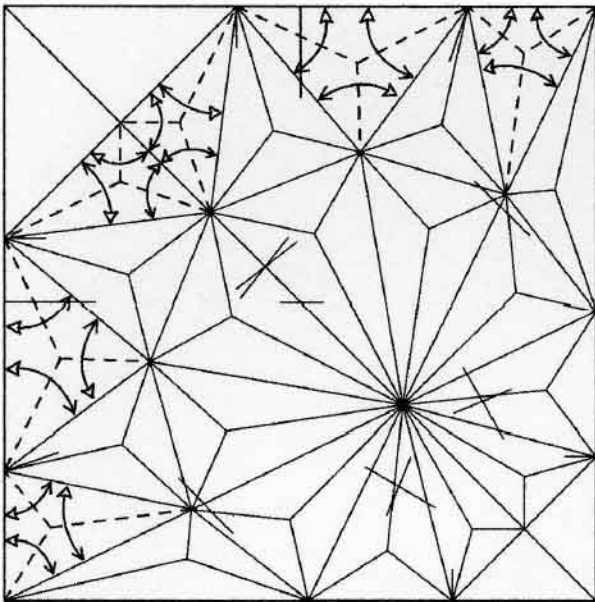
19. Bisect each angle of eight triangles.



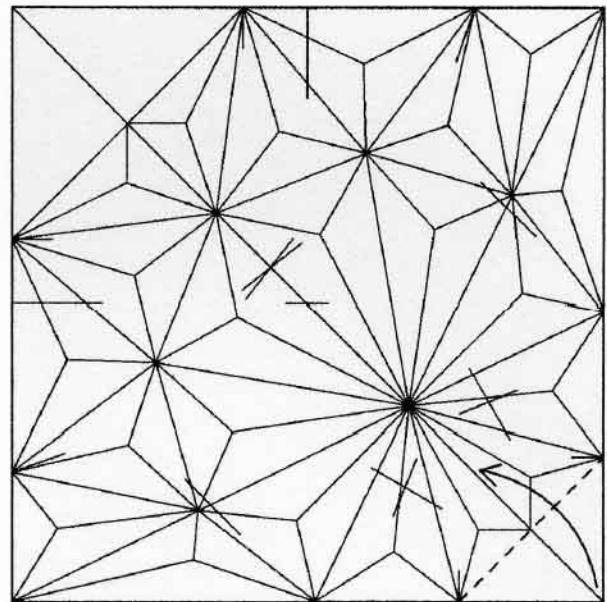
20. Bisect each angle of six more triangles.



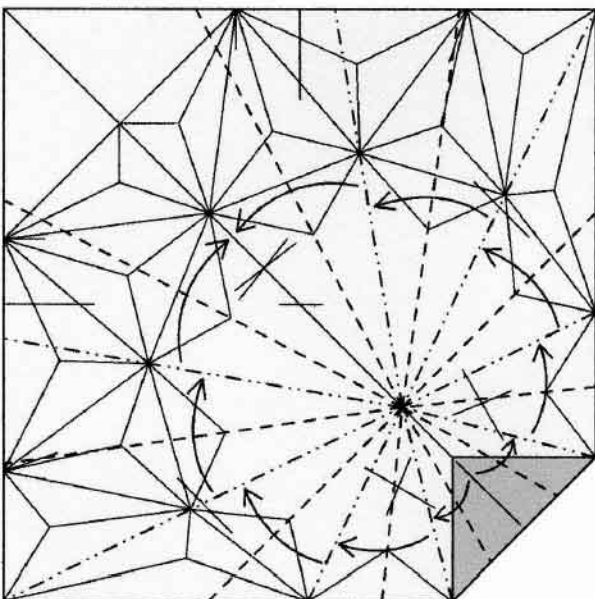
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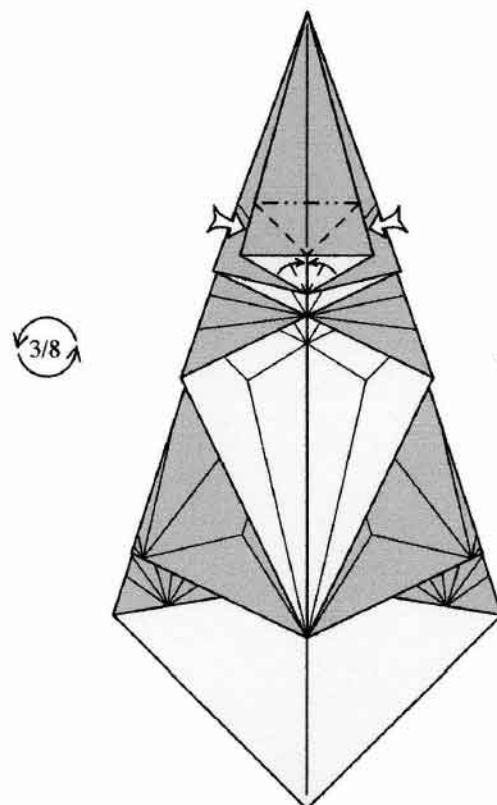
21. Bisect each angle of six more triangles.



22. Fold the corner up on the existing crease.

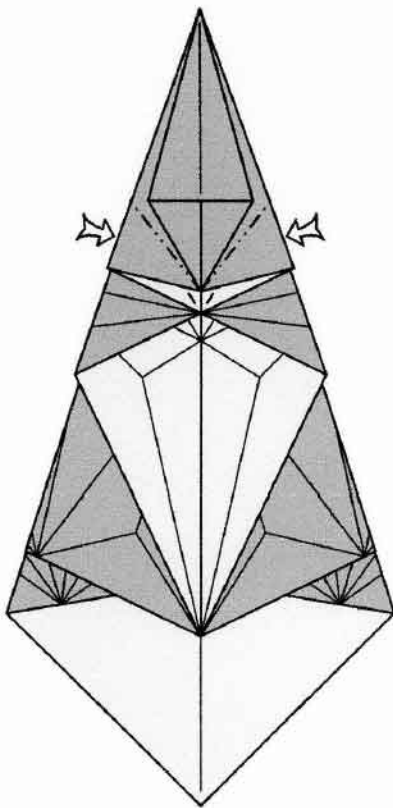


23. Collapse the paper on the existing folds, extending some of them to the edge; don't make the extensions sharp. Rotate.

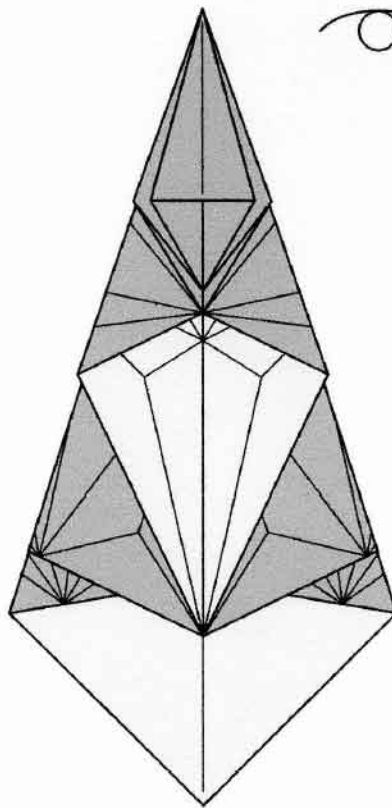


24. Inside petal-fold the top layer.

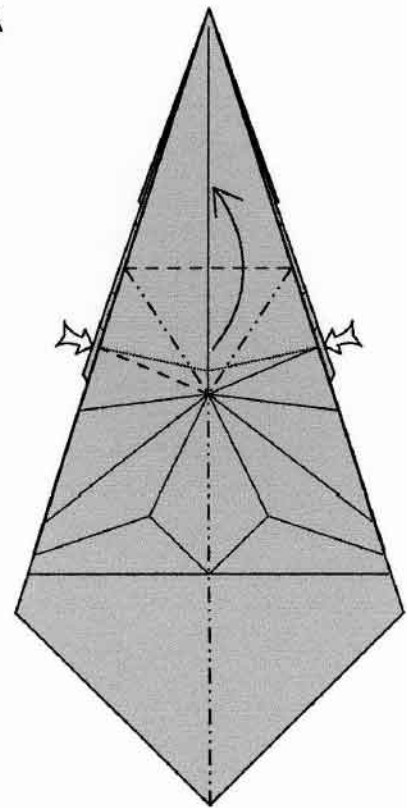
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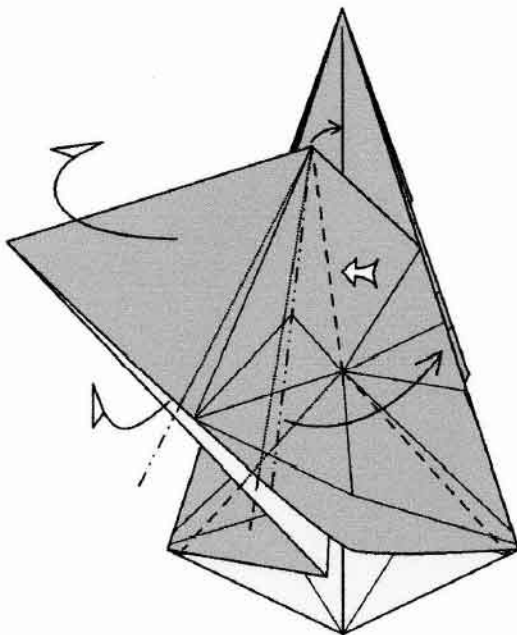
**25.** Reverse-fold on the existing creases.



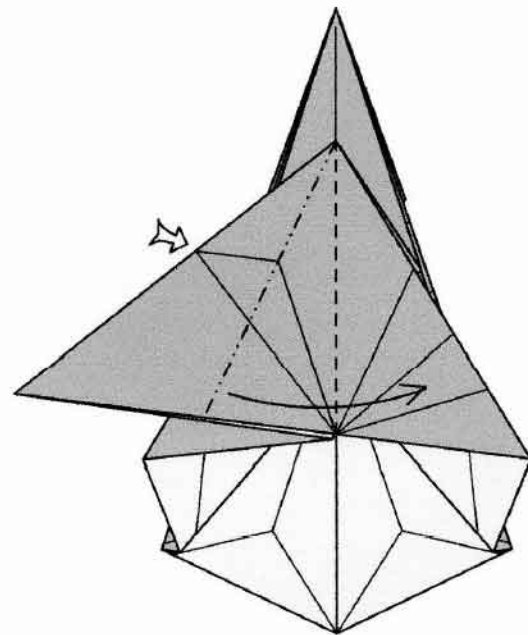
**26.** Turn the model over.



**37.** Form a petal fold with some extra paper attached.

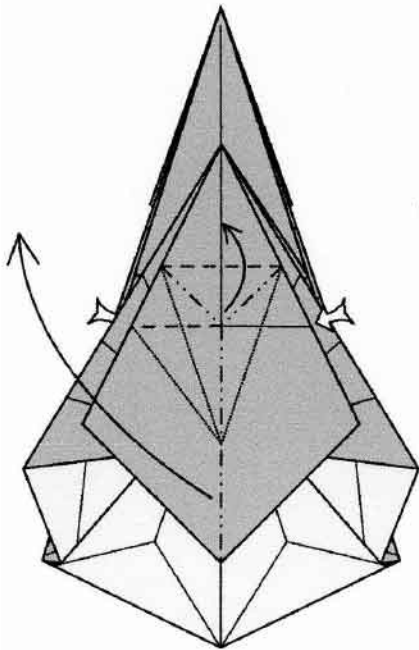


**38.** Flatten the petal-fold, spreading layers at the bottom, and swing the excess flap to the left.

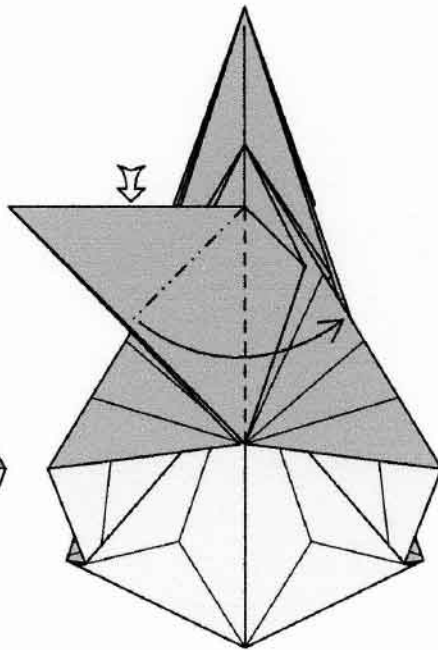


**39.** Squash-fold.

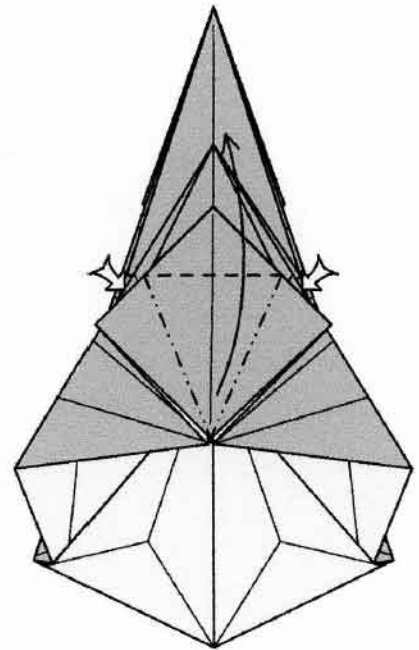
# *Maine Lobster by Robert Lang*



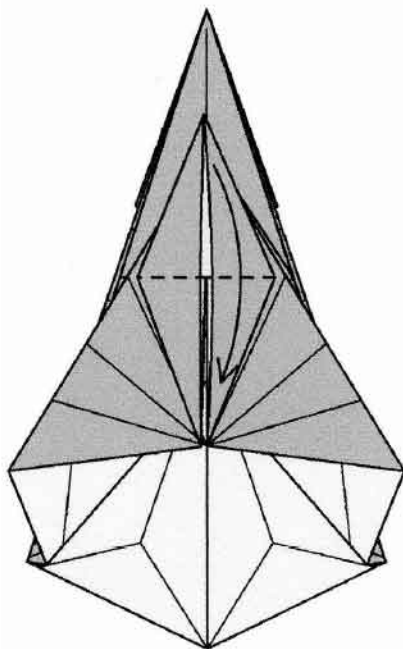
**40.** Petal-fold again, swinging the excess paper to the left.



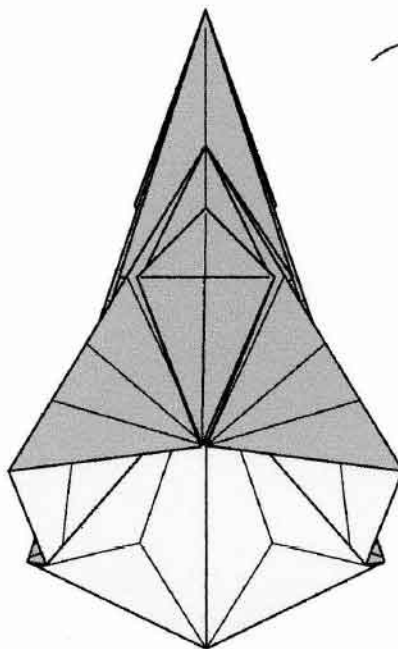
**41.** Squash-fold.



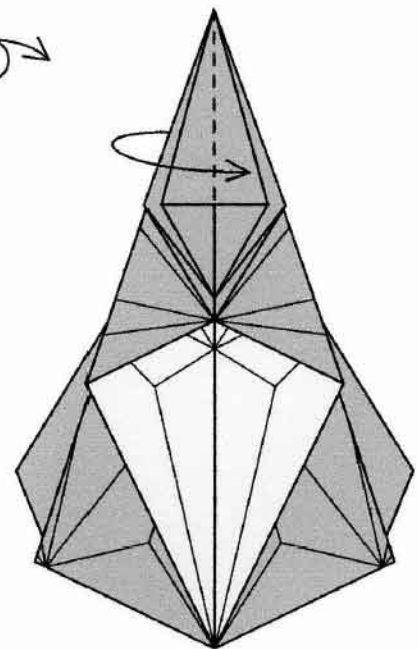
**42.** Petal-fold.



**43.** Fold the flap back down.



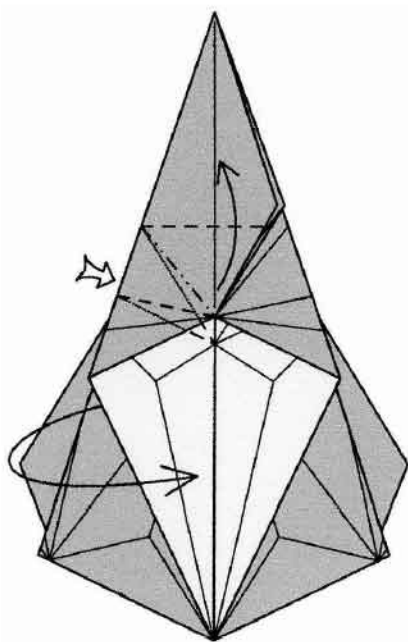
**44.** Turn the model over.



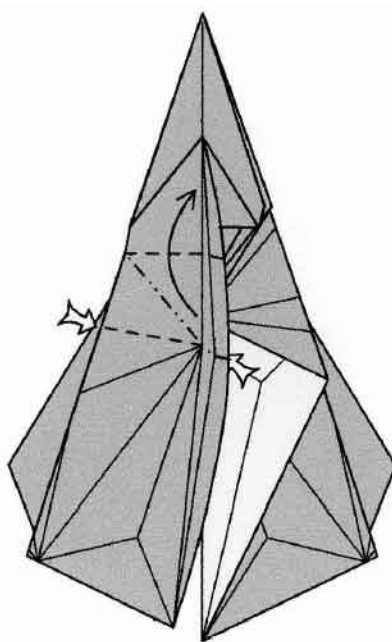
**45.** Fold two layers to the right.



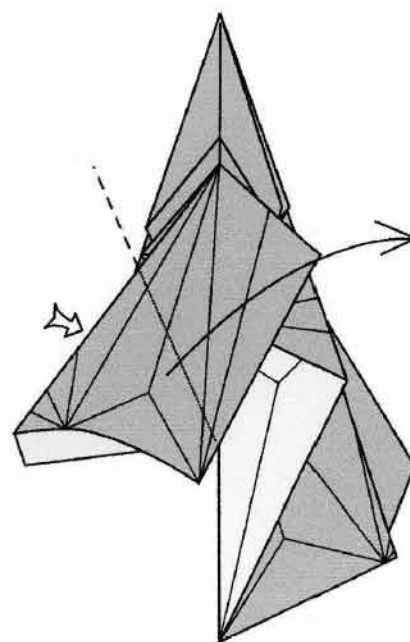
# *Maine Lobster by Robert Lang*



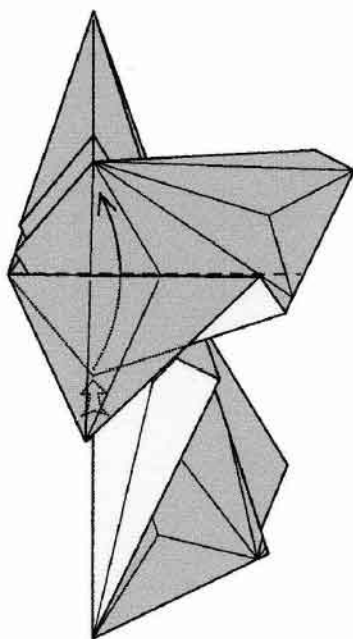
**46.** Squash-fold the corner upward while opening out a pocket toward the bottom. The model will not lie flat.



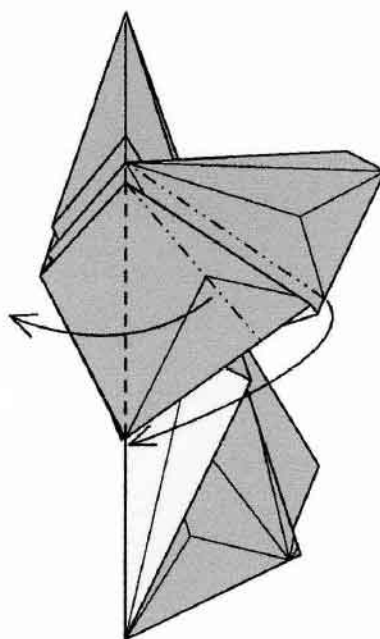
**47.** Invert the point and fold it up. The model will still not lie flat.



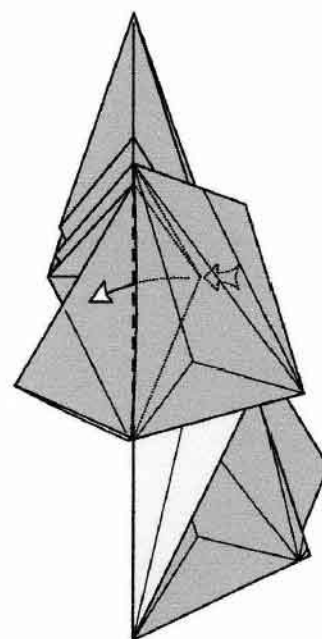
**48.** Squash the paper up and over to the right.



**49.** Invert the point.

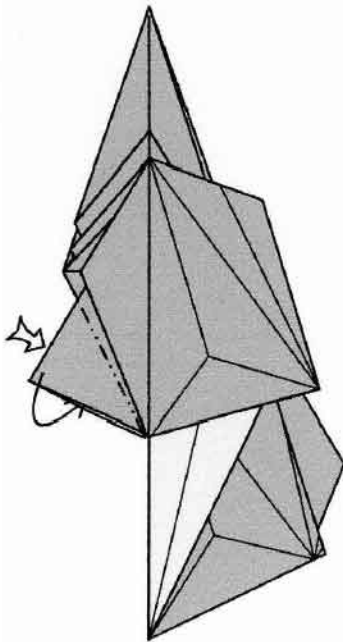


**50.** Squash-fold some paper over to the left.

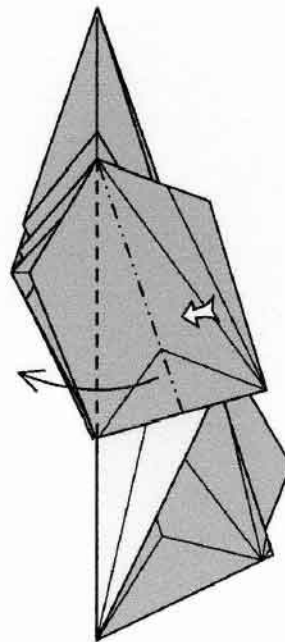


**51.** Invert the point.

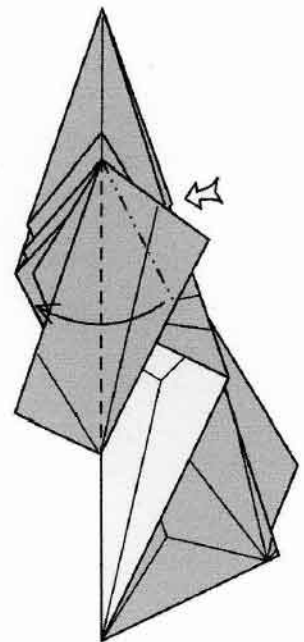
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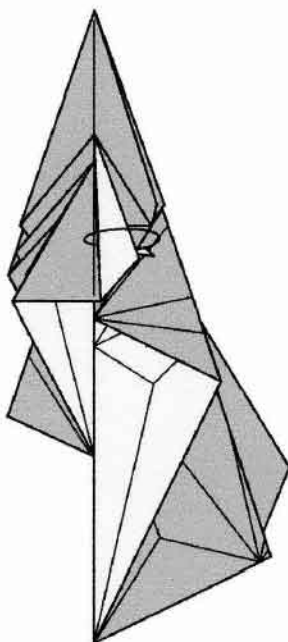
**52.** Reverse-fold the edge.



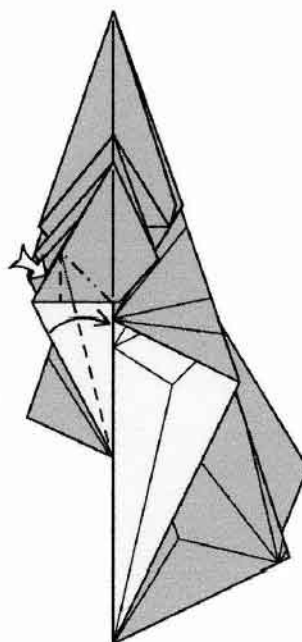
**53.** Squash-fold the flap.



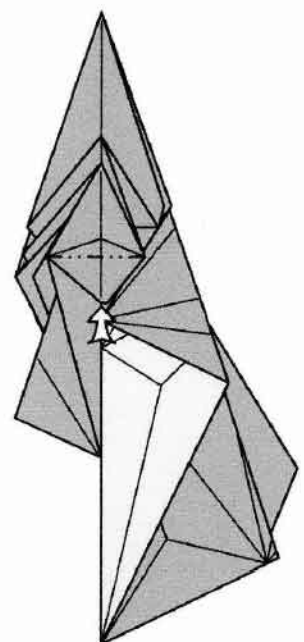
**54.** Squash-fold the flap.



**55.** Wrap one layer from front to back.

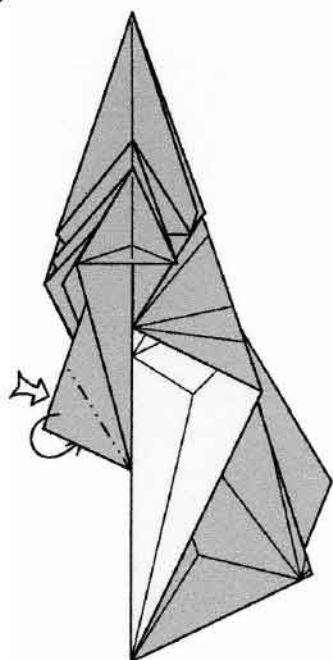


**56.** Reverse-fold the edge.

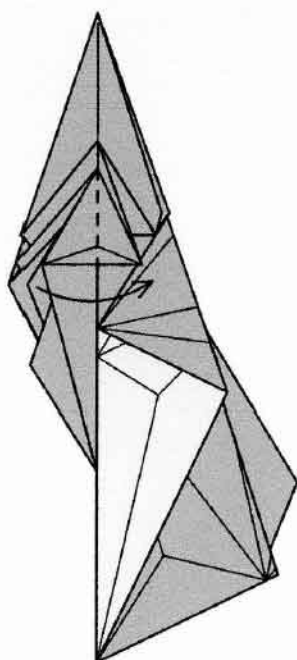


**57.** Sink the point up inside the model.

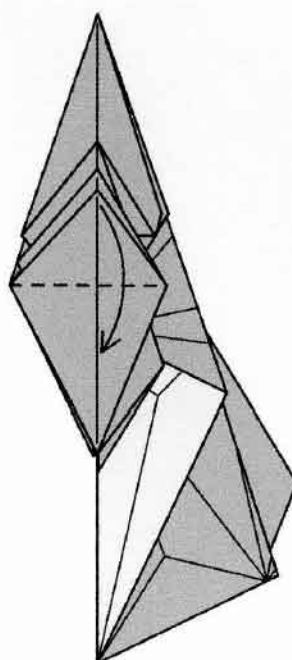
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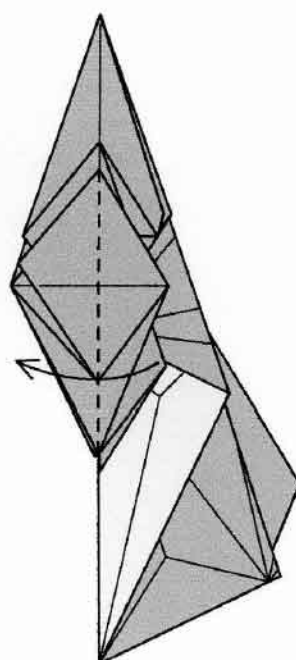
**58.** Reverse-fold the edge.



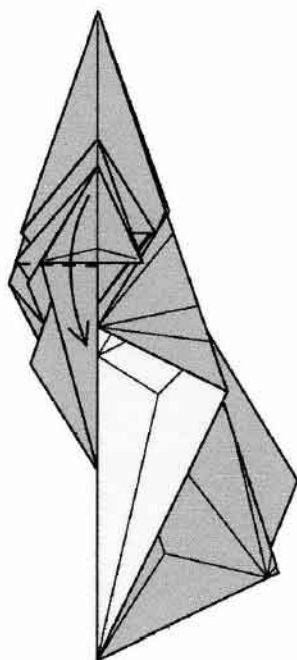
**59.** Fold three layers to the right.



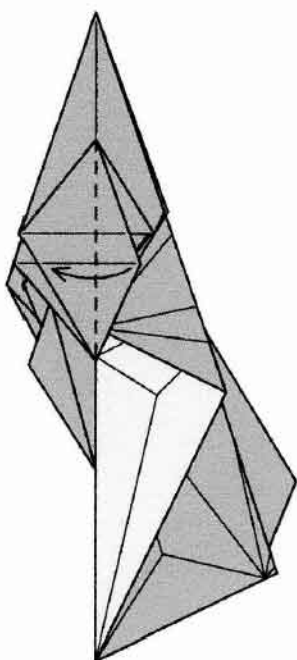
**60.** Fold down one flap.



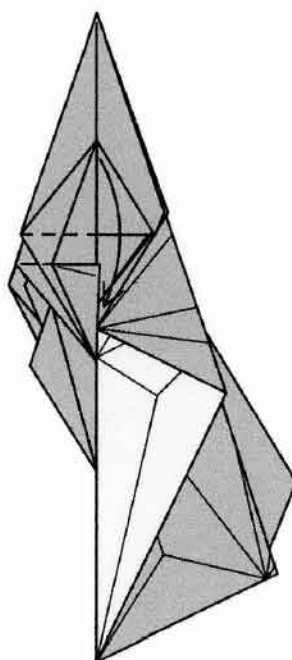
**61.** Fold three layers back to the left.



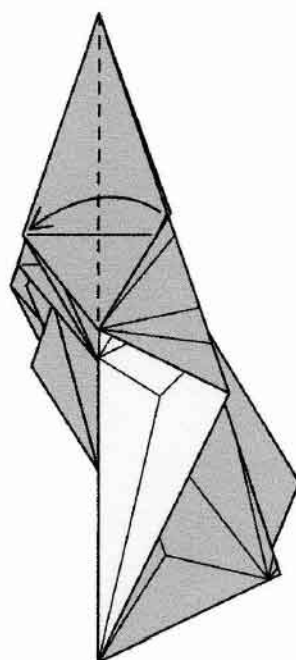
**62.** Fold one flap down.



**63.** Fold one layer to the left.

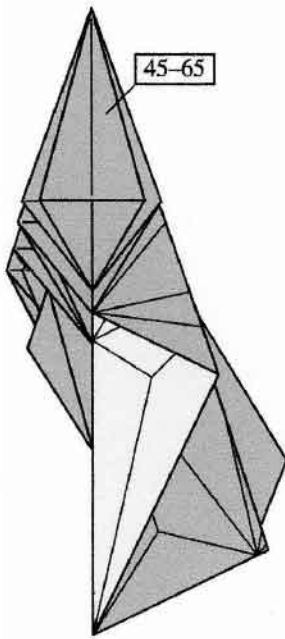


**64.** Fold one flap down.

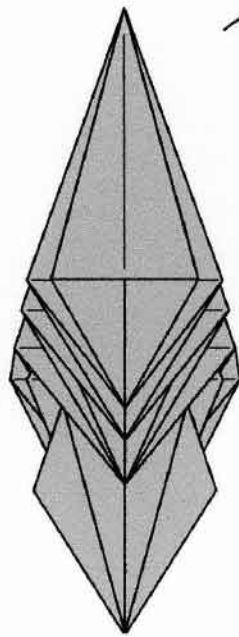


**65.** Fold two layers to the left.

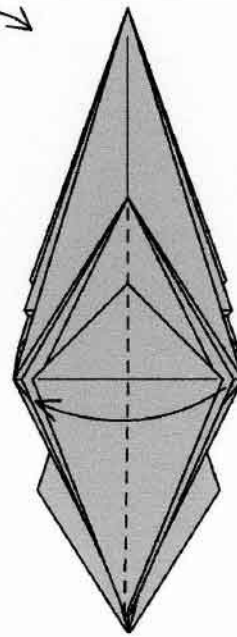
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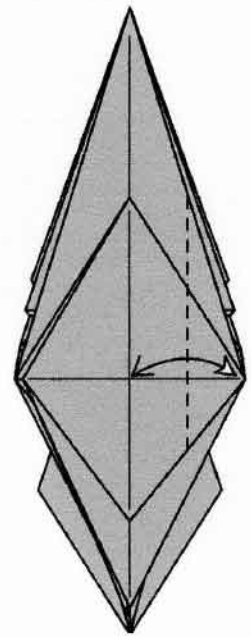
66. Repeat on the right.



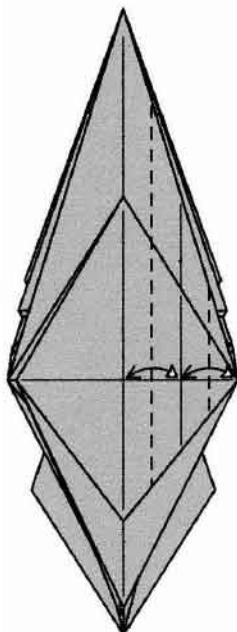
67. Turn the model over.



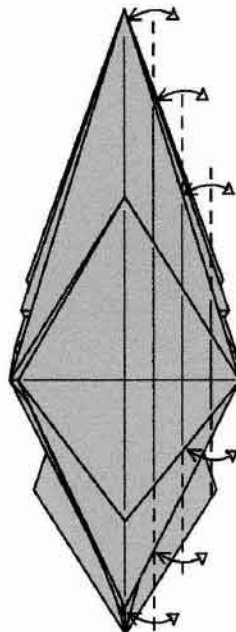
68. Fold three layers to the left.



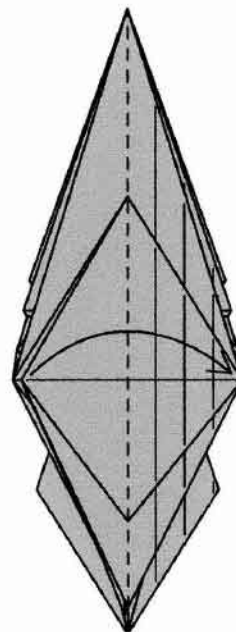
69. Fold and unfold through a single layer.



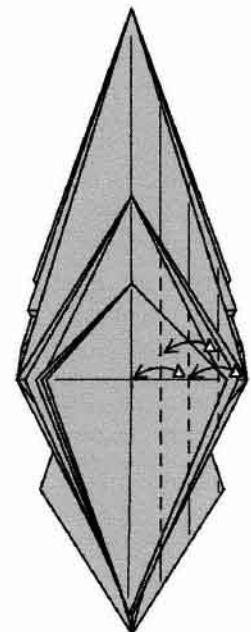
70. Fold and unfold, dividing the triangle into fourths.



71. Using the folds you just made as a guide, fold and unfold through all of the layers behind individually.

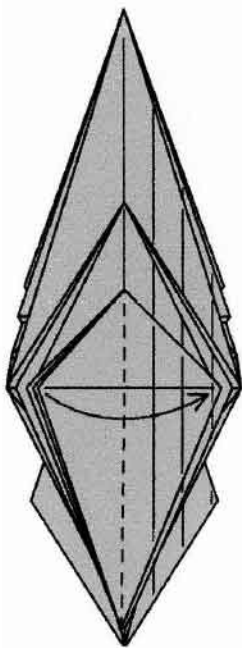


72. Fold two of the three layers back to the right.

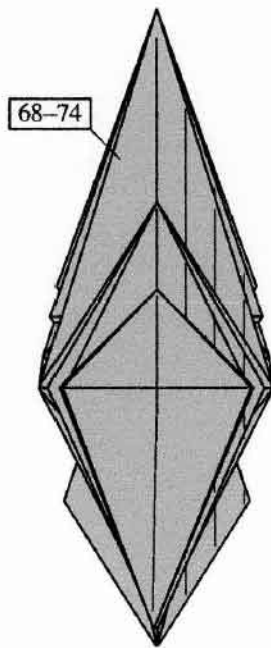


73. Fold and unfold through the near layers.

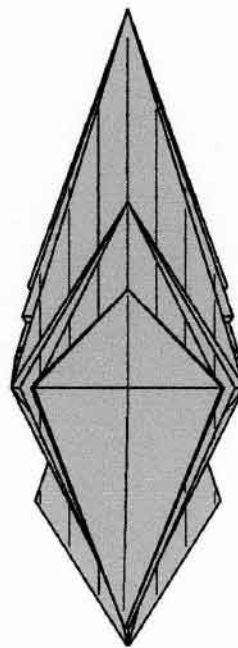
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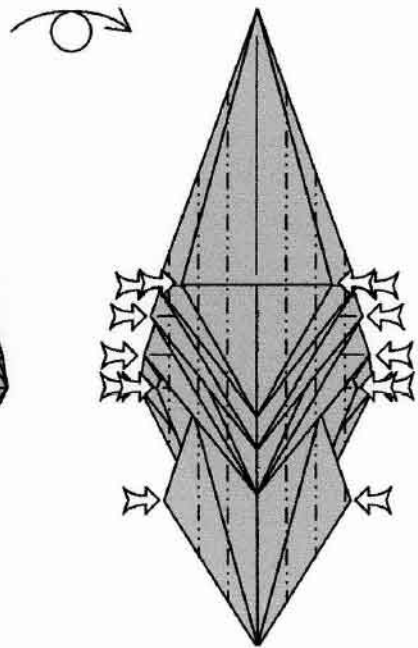
**74.** Fold one layer to the right; the result will be symmetric.



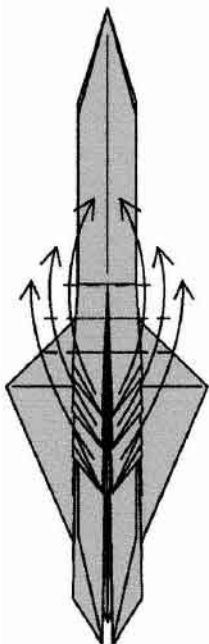
**75.** Repeat on the left.



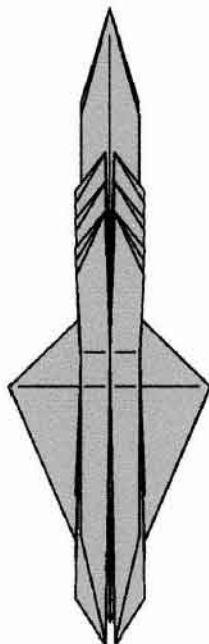
**76.** Turn the model over.



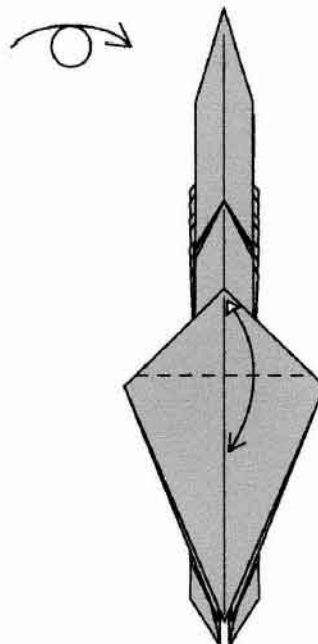
**77.** Sink every precreased corner in and out on the creases made in steps 68–75. There are twelve on each side. You will probably have to rearrange flaps and layers to get access to all corners. Return them all to this position when you're done.



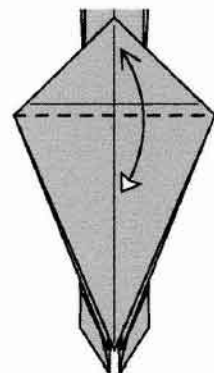
**78.** Fold six flaps up as far as possible.



**79.** Turn the paper over.



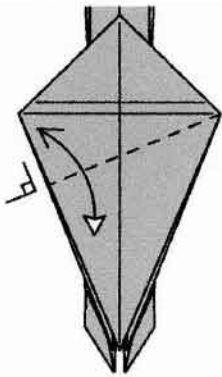
**80.** Steps 80–105 will focus on this flap. Fold and unfold.



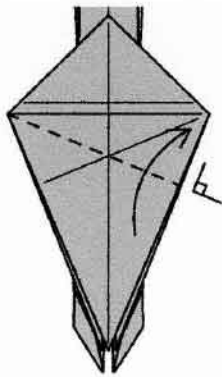
**81.** Fold and unfold.



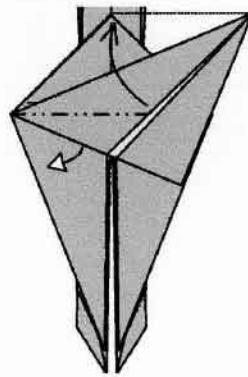
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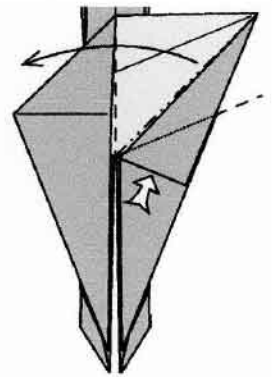
**82.** Fold and unfold.



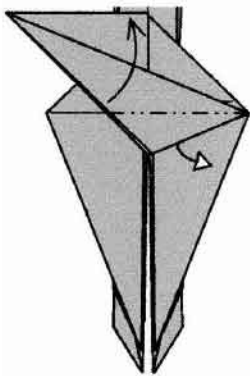
**83.** Fold the flap up.



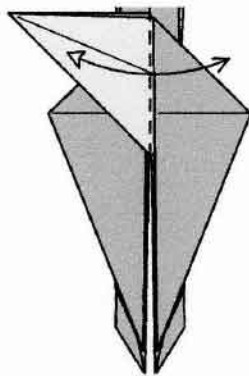
**84.** Pull out some loose paper.



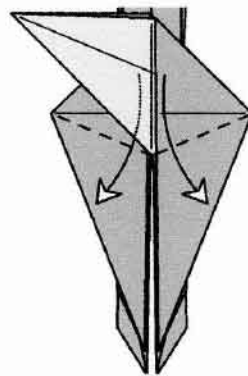
**85.** Squash-fold.



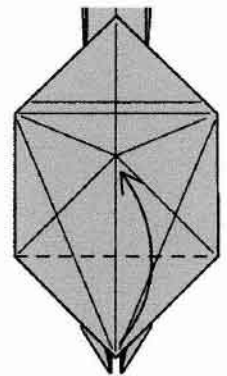
**86.** Pull out some loose paper.



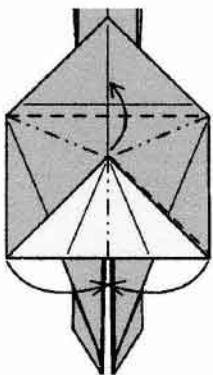
**87.** Fold and unfold.



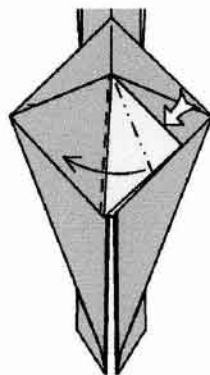
**88.** Unfold the flap.



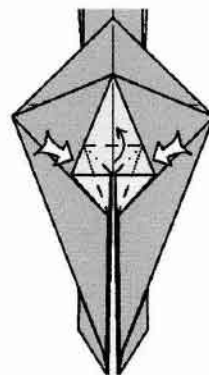
**89.** Fold the flap up.



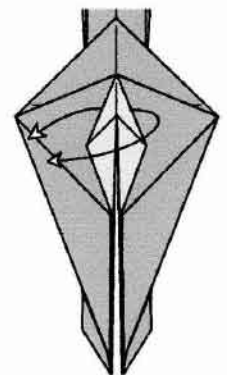
**90.** Bring two corners together.



**91.** Squash-fold.

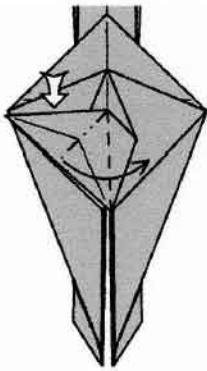


**92.** Petal-fold.

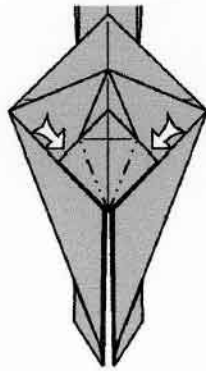


**93.** Unwrap a layer.

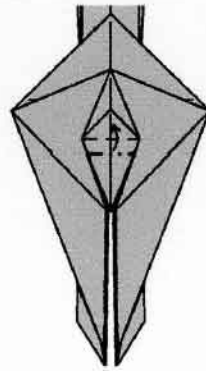
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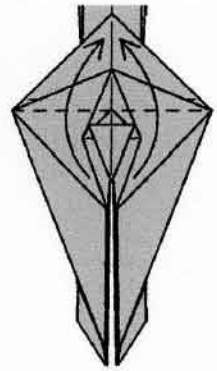
**94.** Squash-fold the flap.



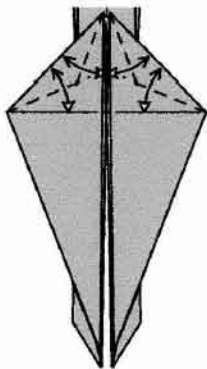
**95.** Reverse-fold the edges.



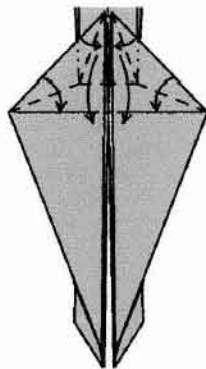
**96.** Pleat the flap.



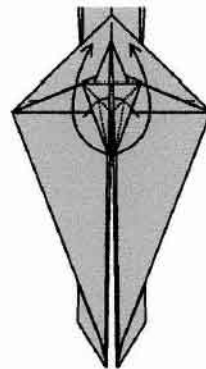
**97.** Fold the group of flaps upward.



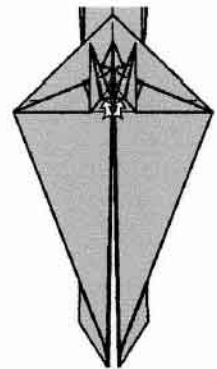
**98.** Fold and unfold.



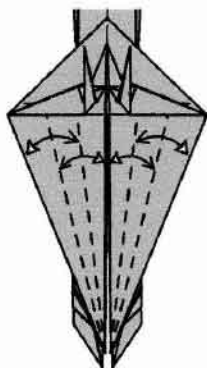
**99.** Fold two rabbit ears.



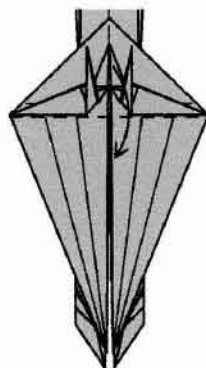
**100.** Swivel-fold two flaps upward.



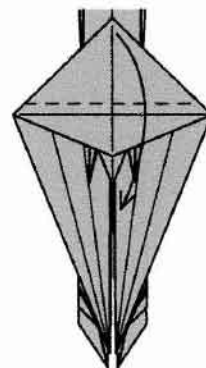
**101.** Swivel-fold the edges of the two flaps.



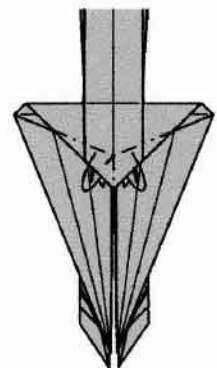
**102.** Crease in thirds.



**103.** Fold the group of flaps down.

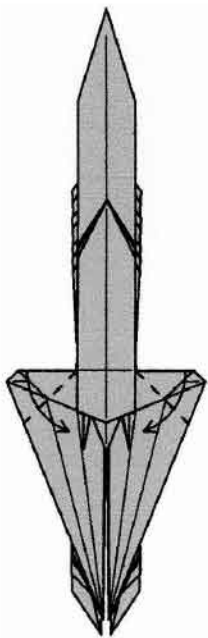


**104.** Fold the top flap down as far as possible.

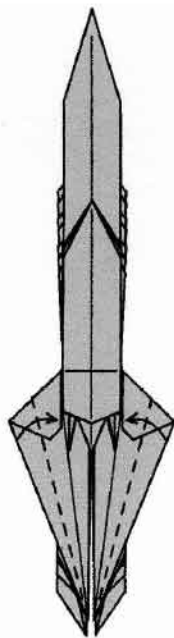


**105.** Fold a rabbit ear with the creases aligned with edges beneath.

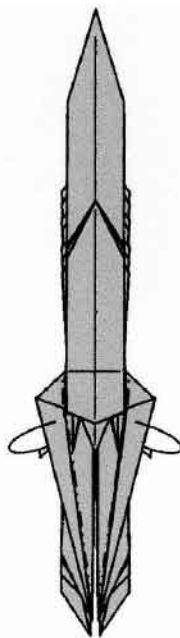
# 



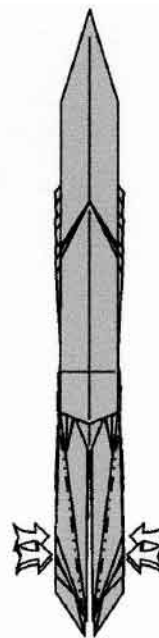
**106.** Fold two corners down.



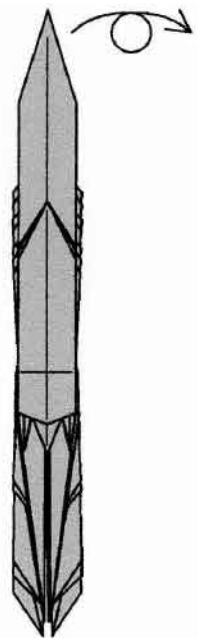
**107.** Fold two edges in.



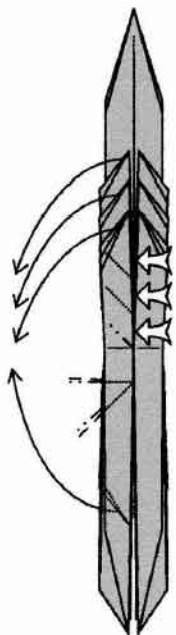
**108.** Mountain-fold the edges behind.



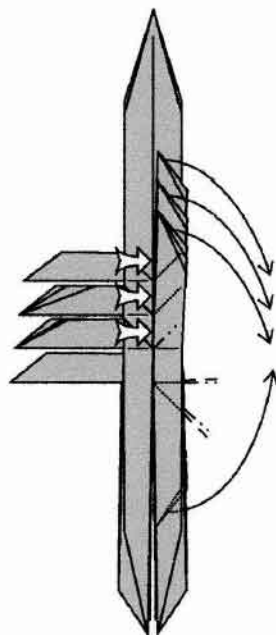
**109.** Sink three corners on both near flaps so that each becomes a single narrow triangle.



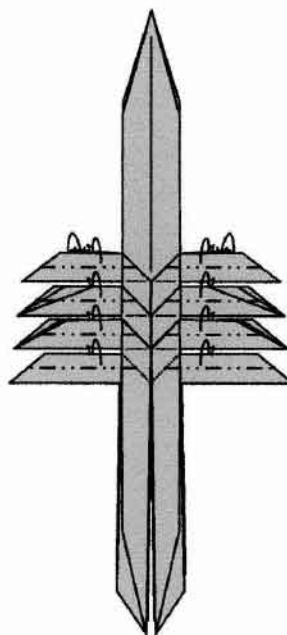
**110.** Turn the model over.



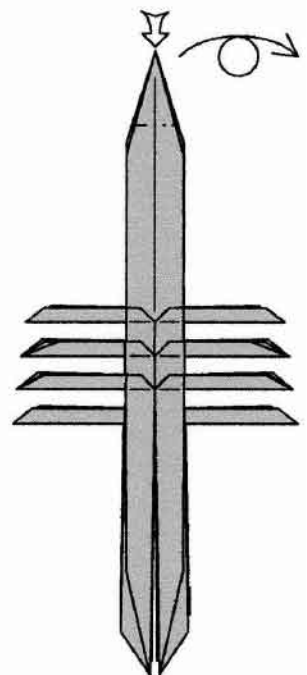
**111.** Reverse-fold three upper points out to the side. Crimp the lower point out to the side.



**112.** Repeat on the right.

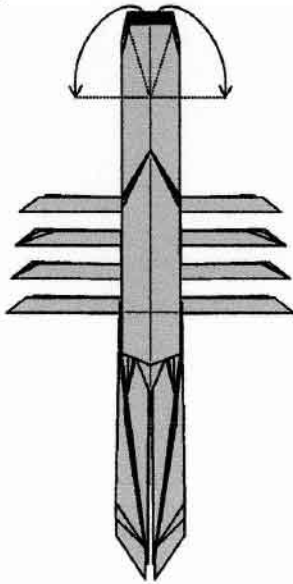


**113.** Narrow the legs with mountain folds, front and back.

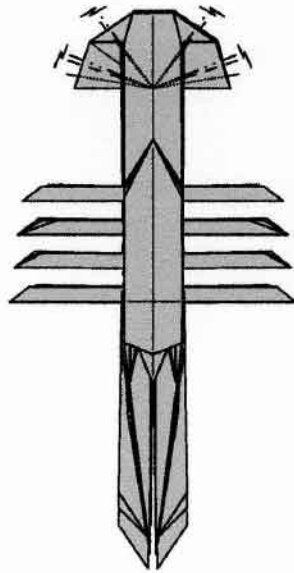


**114.** Open-sink the top point. Turn the model over.

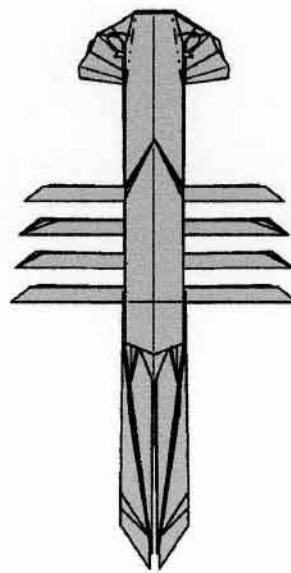
# 



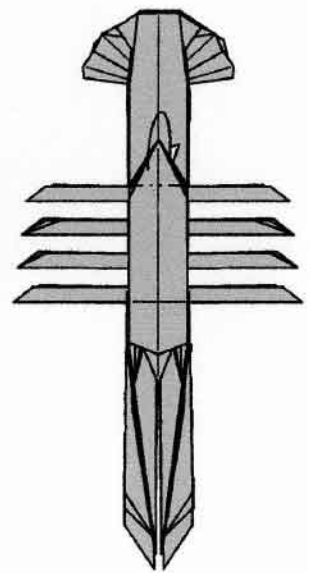
**115.** Pull out the sides of the open sink completely.



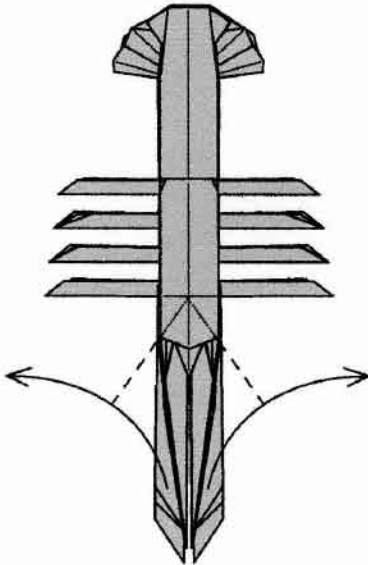
**116.** Pleat the near layers.



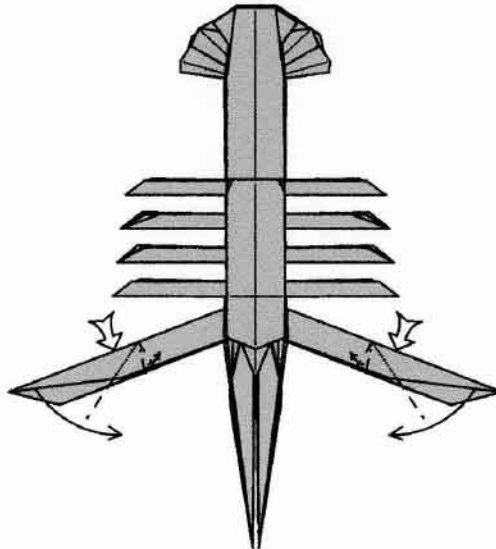
**117.** Fold the narrow edges underneath. Repeat on the next layer down.



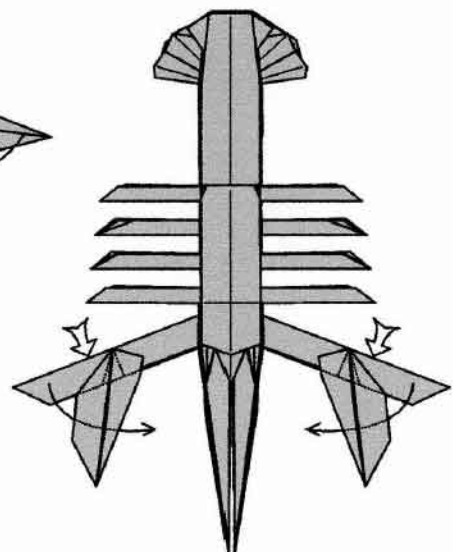
**118.** Fold the point behind.



**119.** Valley-fold the two claws out to the sides.

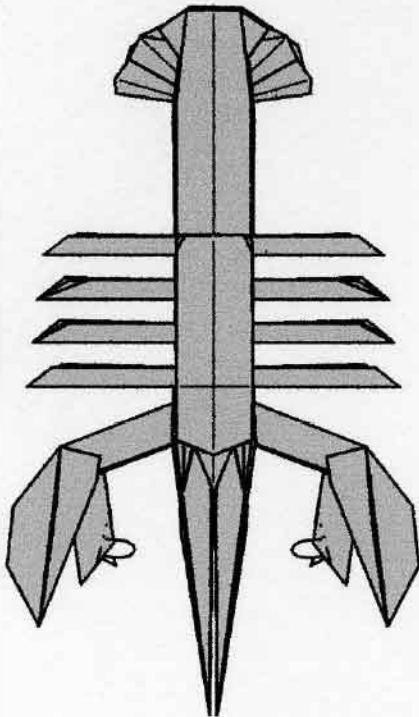


**120.** Squash-fold the near flap asymmetrically.

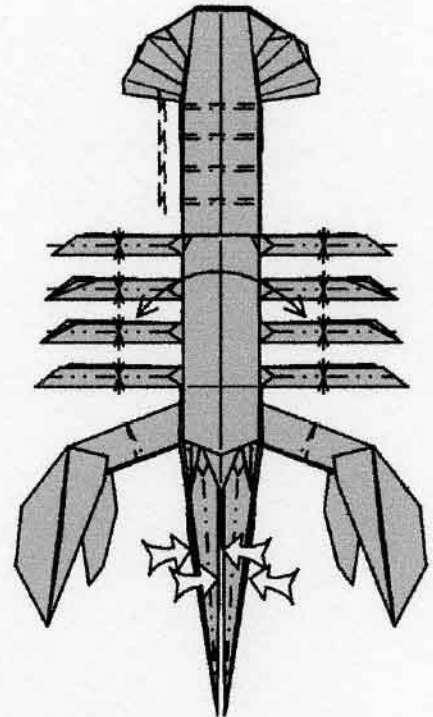


**121.** Crimp the two shorter flaps.

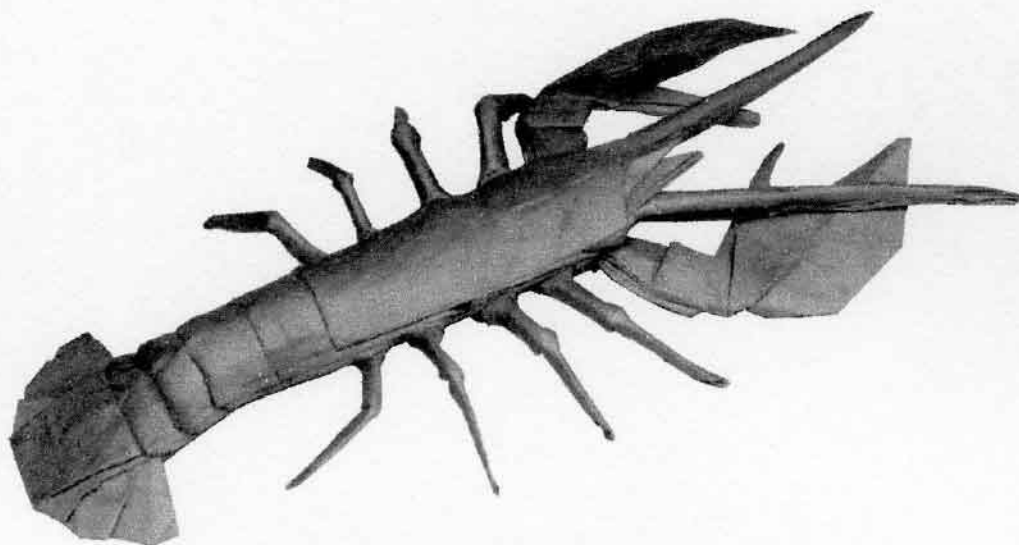
## Maine Lobster by Robert Lang



**122.** Shape each claw.



**123.** Pleat the tail. Pinch and bend the legs. Round the body. Crimp and shape the claws. Pinch and narrow the antennae.



**124.** Finished Maine Lobster.