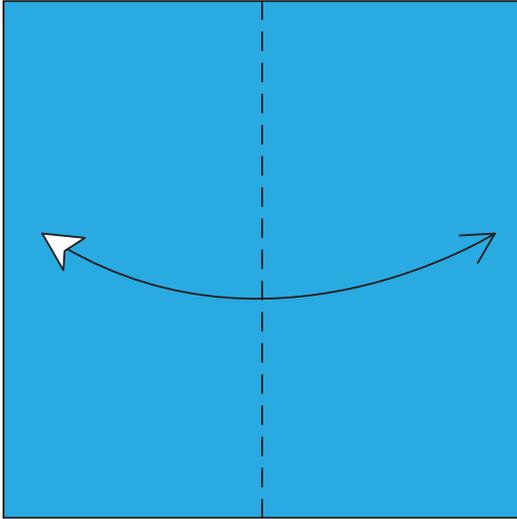


# Roosevelt Elk

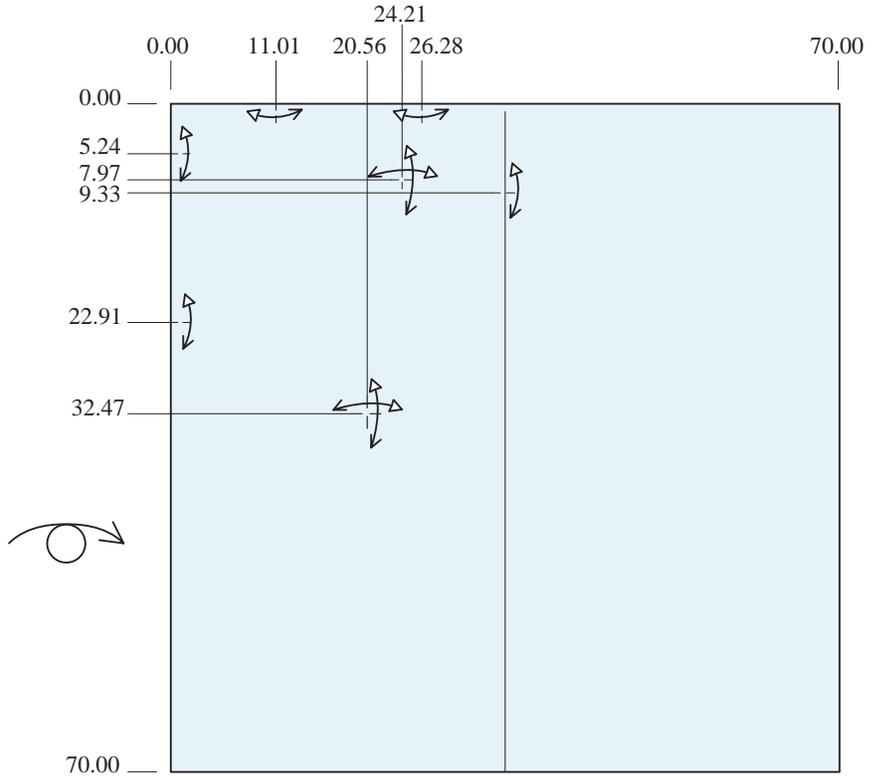
Designed by Robert J. Lang

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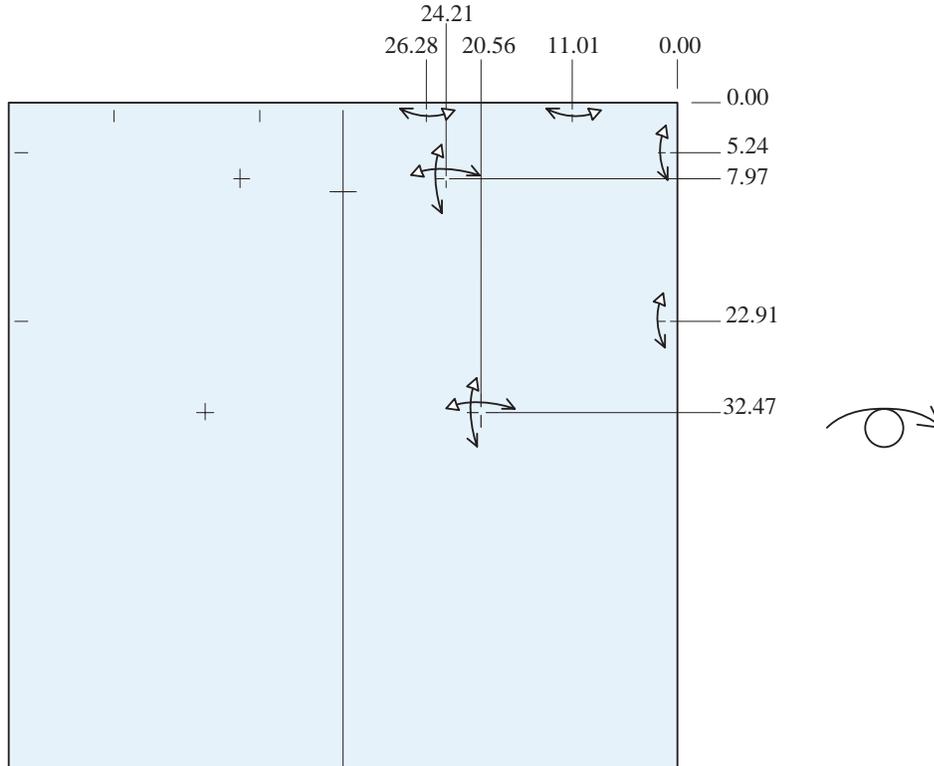
For a 25 cm high display model, begin with a 70 cm square of a sturdy wet-foldable paper. For best results, don't dampen the paper until step 6.



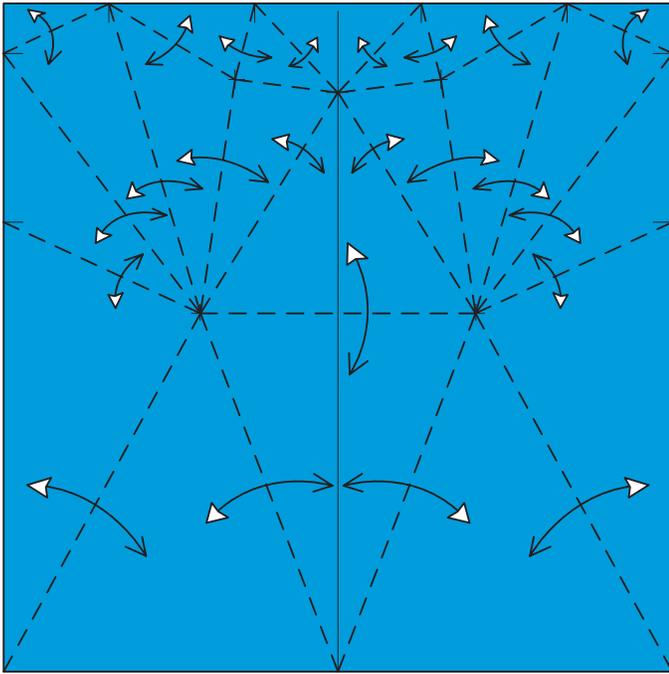
1. Begin with the colored side up. Fold the paper in half and unfold. Then turn the paper over.



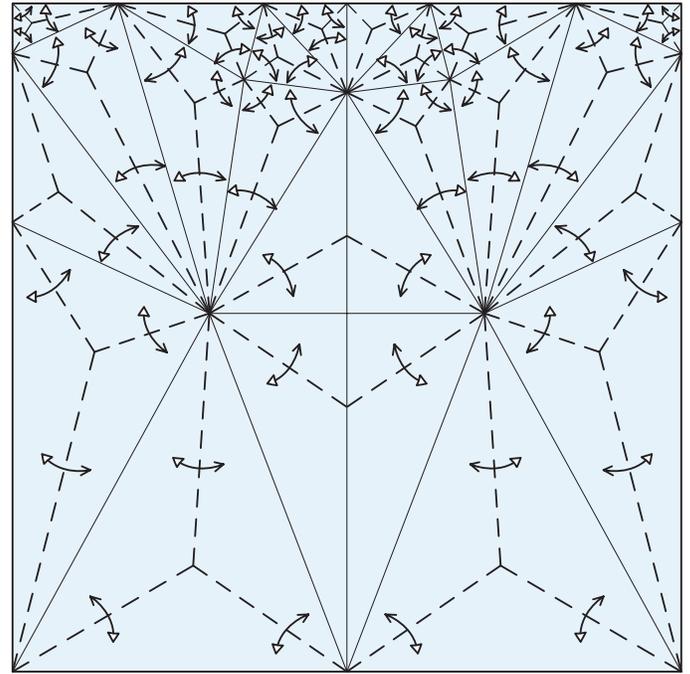
2. Measure and mark off four points along the edges and three in the interior. You can either make small pinch marks (as shown here) or make light pencil marks on the paper.



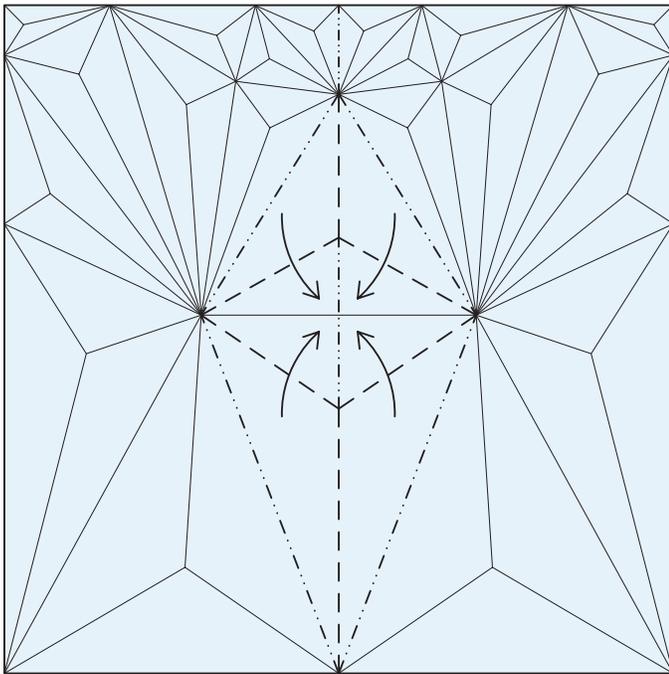
3. Repeat on the right. Turn the paper back over.



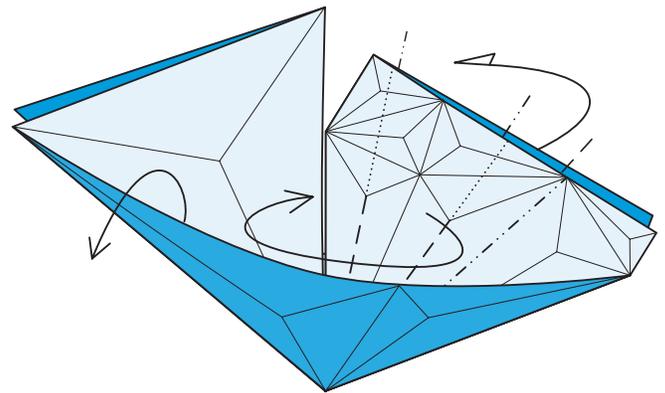
4. Using the marks for reference, add the creases shown, forming a grid of assorted triangles. Turn the paper over again.



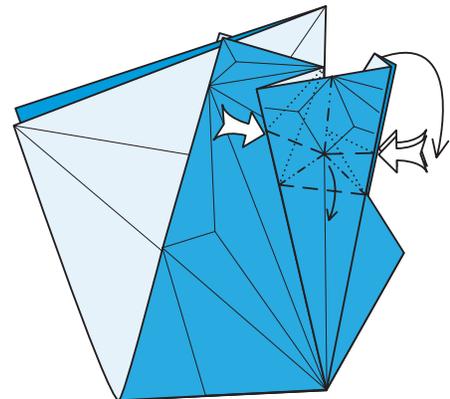
5. Crease the angle bisectors of each of the triangles.



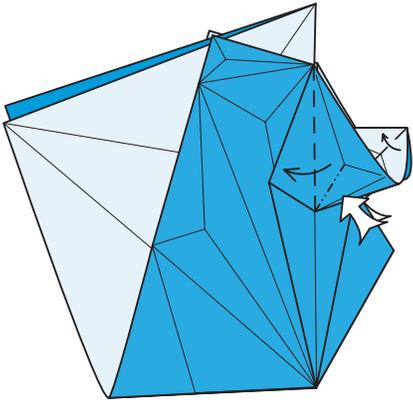
6. If you are wet-folding, now is a good time to dampen the paper. Fold on the creases shown. The result will not lie flat.



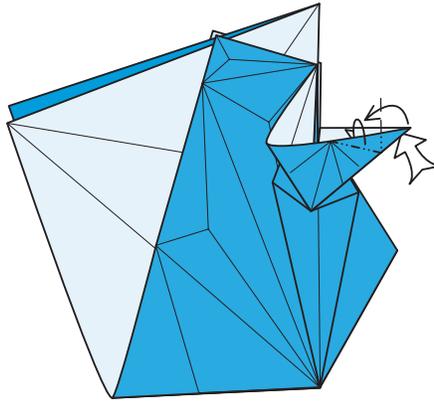
7. Pleat on the creases shown. Don't make any new creases. The model will still not lie flat.



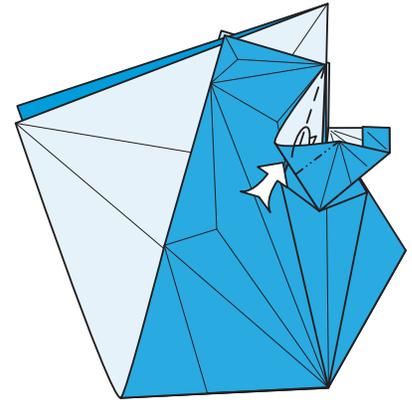
8. Pinch the sides on the existing creases and swing the top right corner down. The model will still not lie flat.



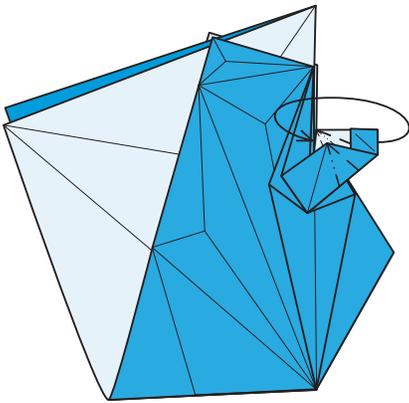
**9.** Squash the base of the edge over to the left, again using only existing creases. Repeat behind. The model will still not lie flat.



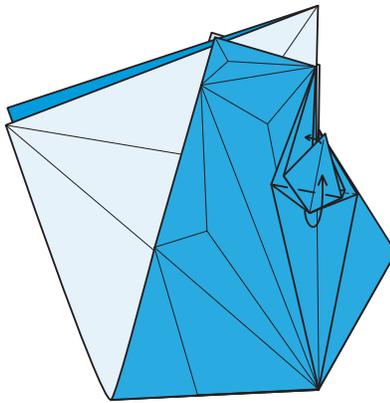
**10.** Reverse-fold the corner in and mountain-fold the edge on the existing crease. The model will still not lie flat.



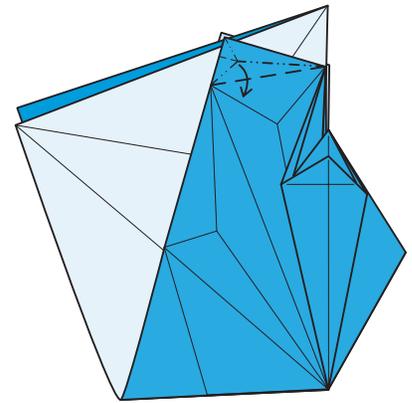
**11.** Reverse-fold the corner on the existing creases. The model will still not lie flat.



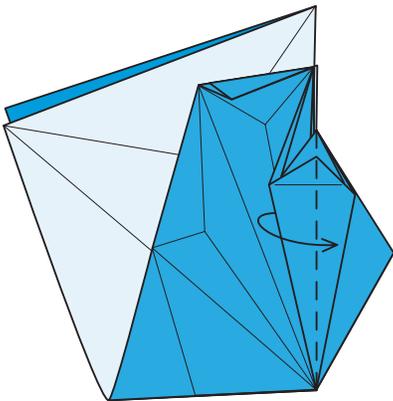
**12.** Turn the top right flap inside-out and incorporate the pleats shown.



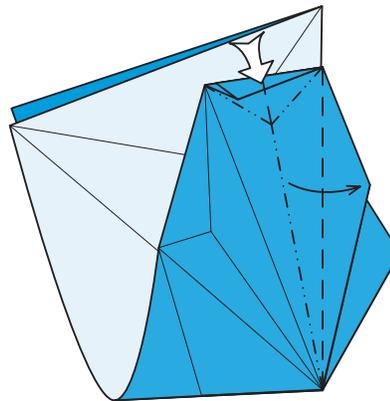
**13.** Fold the small downward-pointing flap upward and straighten out all the layers. The points will all align and the layers will now, finally, lie flat. Crease firmly.



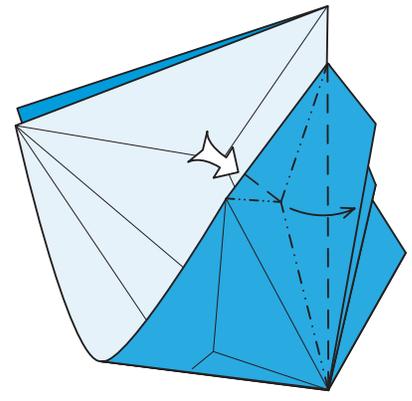
**14.** Fold a rabbit ear using the existing creases. Repeat behind.



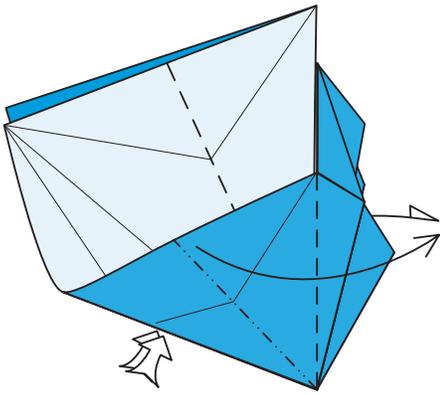
**15.** Fold a group of edges over to the right. Repeat behind.



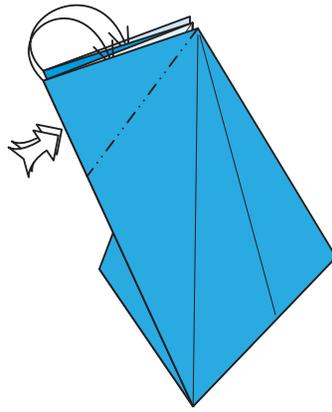
**16.** Fold a rabbit ear using the existing creases. The left side of the model will not lie flat. Repeat behind.



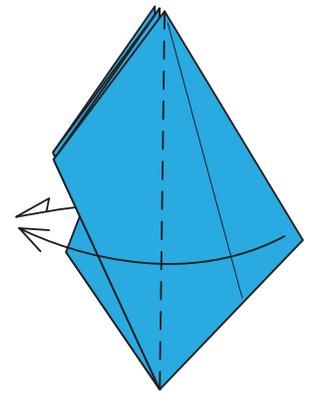
**17.** Fold another rabbit ear using the existing creases. The left side of the model will still not lie flat. Repeat behind.



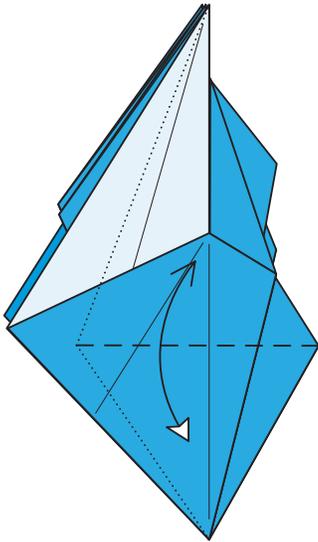
**18.** Squash-fold, using the existing creases. Repeat behind.



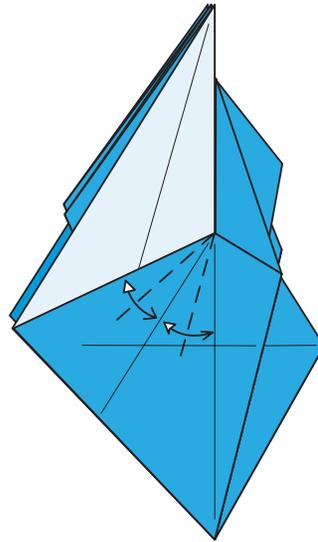
**19.** Reverse-fold on the existing creases. Repeat behind.



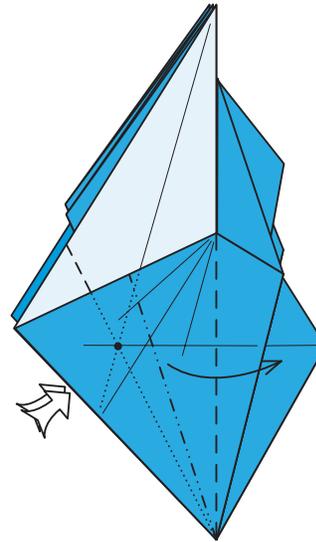
**20.** Fold one flap to the left. Repeat behind.



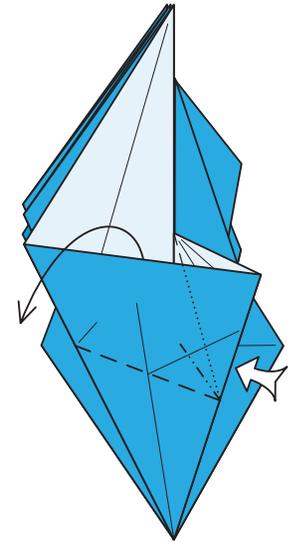
**21.** Fold and unfold. Repeat behind.



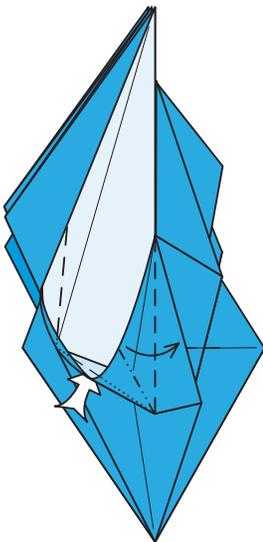
**22.** Fold and unfold through a single layer of paper. Repeat behind.



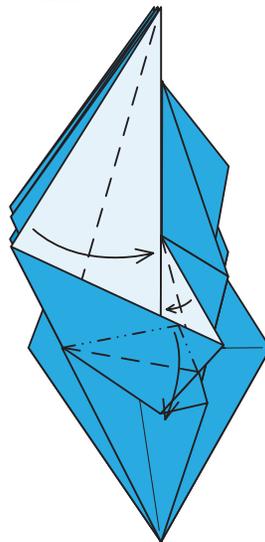
**23.** Squash-fold the layer over to the right. Note the reference point for the nearly-hidden valley fold is the intersection of two hidden creases. Repeat behind.



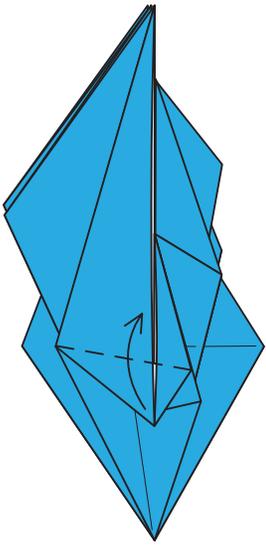
**24.** Pull the edge out and squash the right edge over. The hidden valley fold falls on an existing crease; the near valley fold connects two crease/edge intersections.



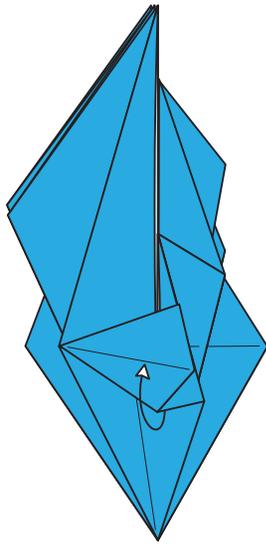
**25.** Squash-fold. The vertical valley fold lies on an existing crease; the remaining creases form when you flatten the squash. Repeat behind.



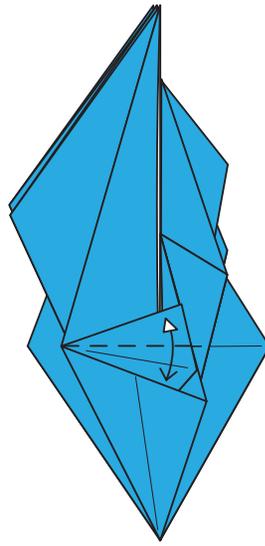
**26.** Petal-fold. Repeat behind.



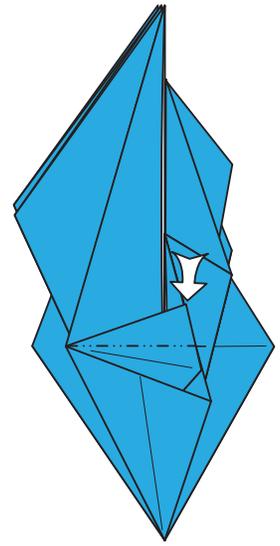
27. Lift up the flap. Repeat behind.



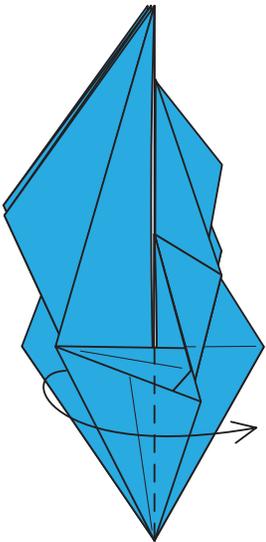
28. Bring some paper to the front. Repeat behind.



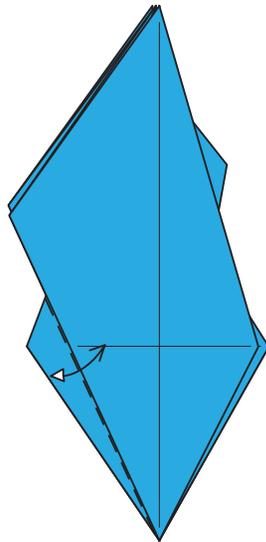
29. Fold and unfold along a horizontal line. Repeat behind.



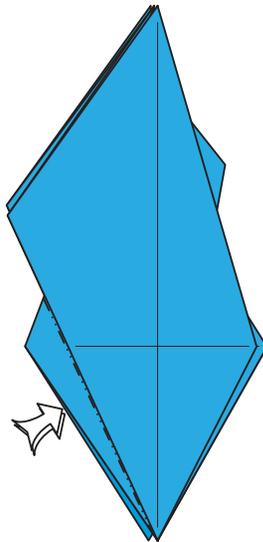
30. Sink the point on the crease you just made. Repeat behind.



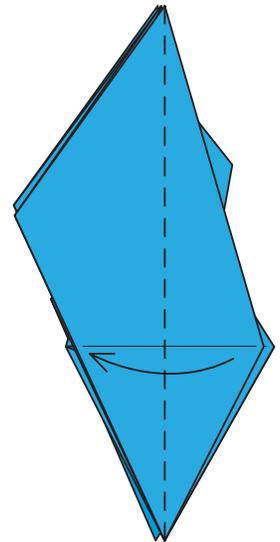
31. Swing one flap over to the right.



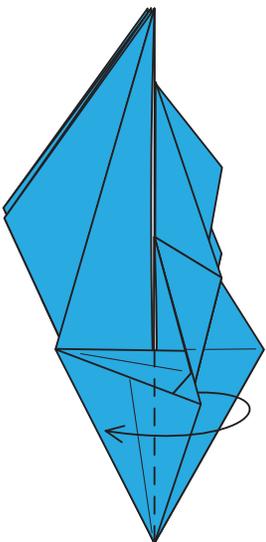
32. Fold and unfold.



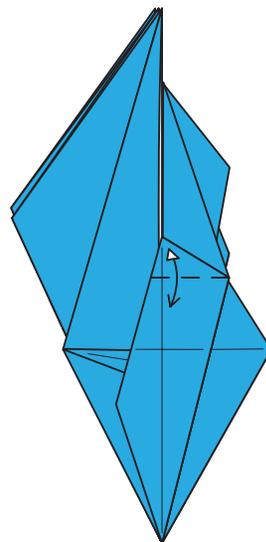
33. Sink the pair of edges together.



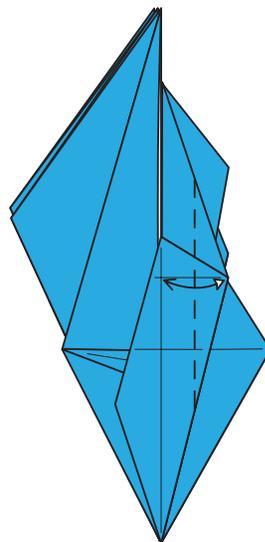
34. Fold the flap back to the left.



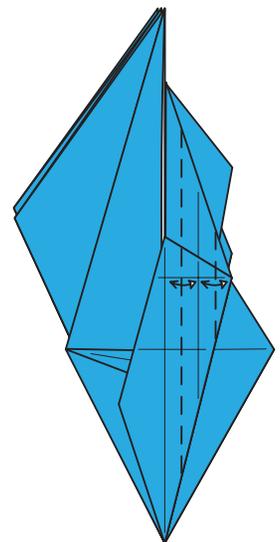
35. Swing one flap over to the left.



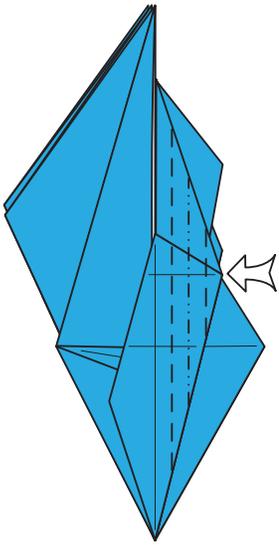
36. Fold and unfold.



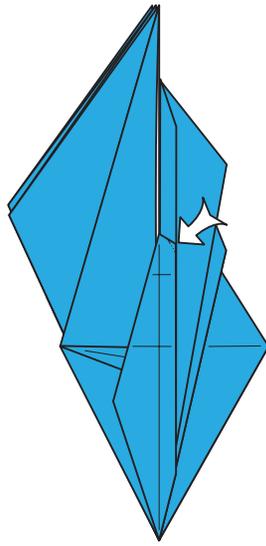
37. Fold and unfold.



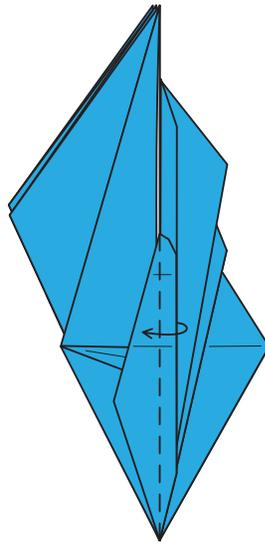
38. Fold and unfold.



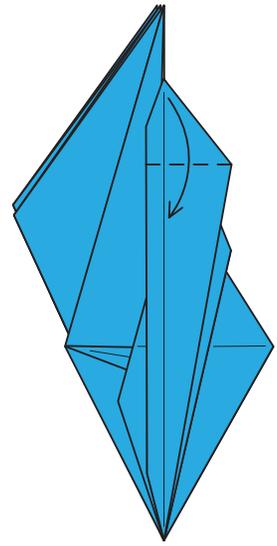
39. Open-sink in and out on the existing creases.



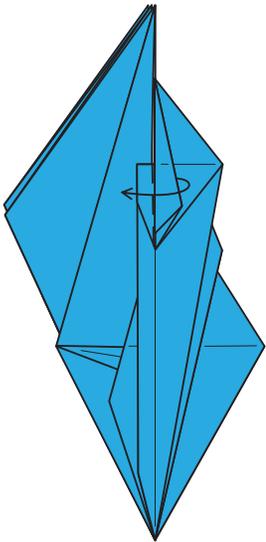
40. Sink the corner slightly.



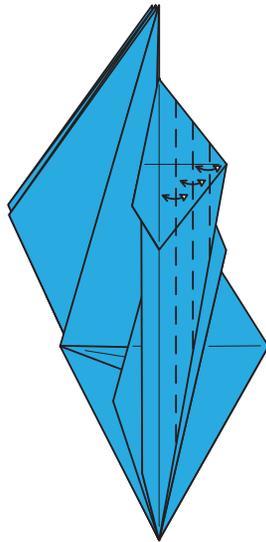
41. Fold the narrow flap to the left.



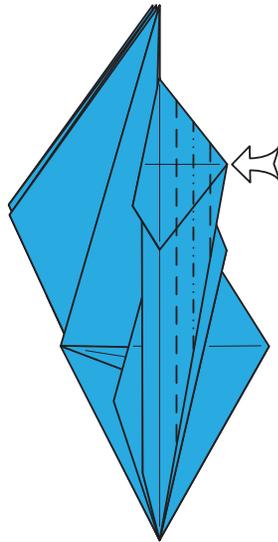
42. Fold one flap down.



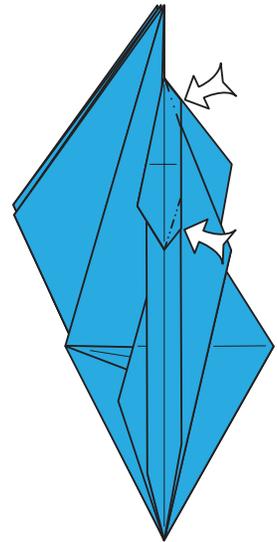
43. Fold the flap to the left.



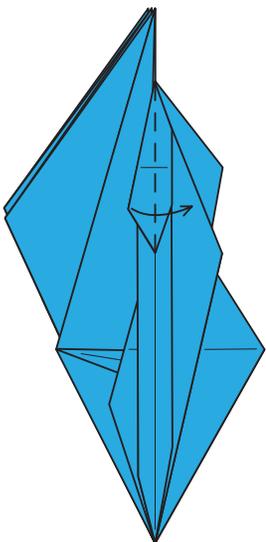
44. Crease in fourths, as you did in steps 37–38.



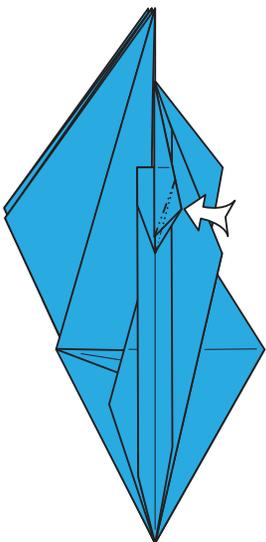
45. Open-sink in and out on the existing creases.



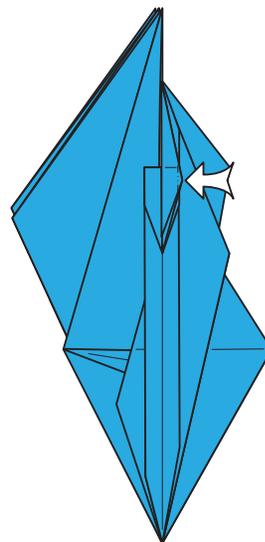
46. Sink the two corners.



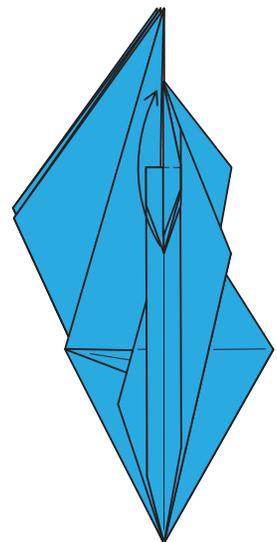
47. Fold the flap back to the right.



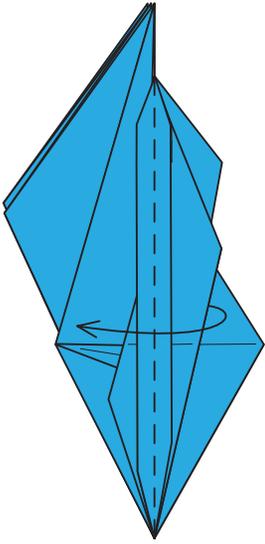
48. Sink the two edges along angle bisectors.



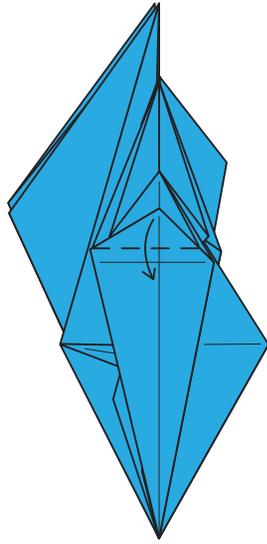
49. Sink the corner so that its edges align with the edges behind.



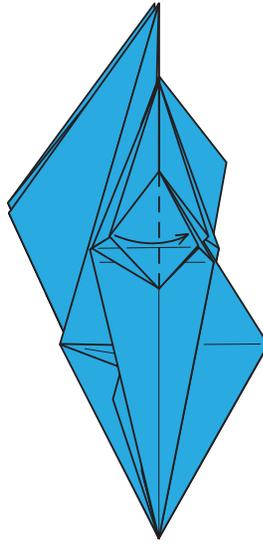
50. Fold the pair of points back up to the top of the model.



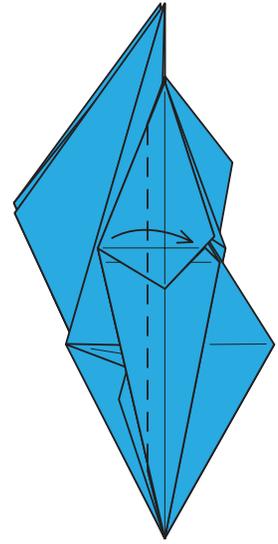
**51.** Fold two edges over to the left.



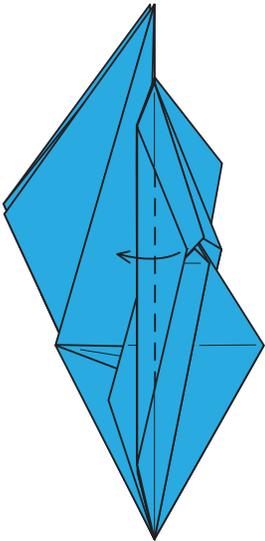
**52.** Fold the small flap down.



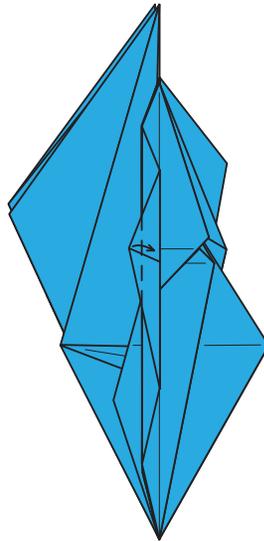
**53.** Fold one flap to the right.



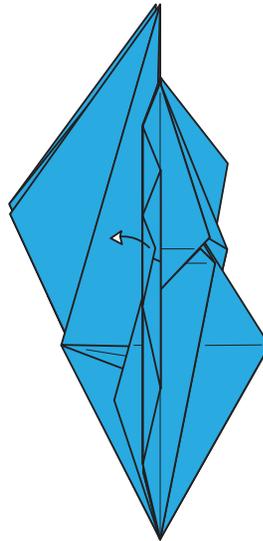
**54.** Fold the point over; the crease lines up with the edges behind it.



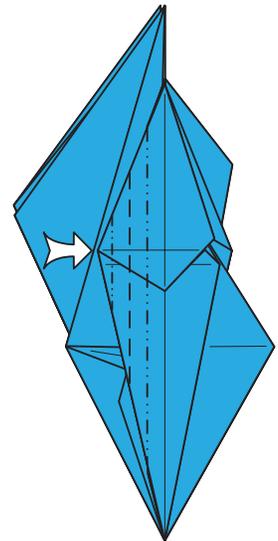
**55.** Fold the point back to the left. The crease lines up with the vertical center line of the model.



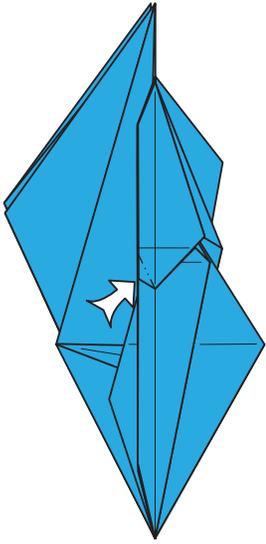
**56.** Fold the excess paper back to the right.



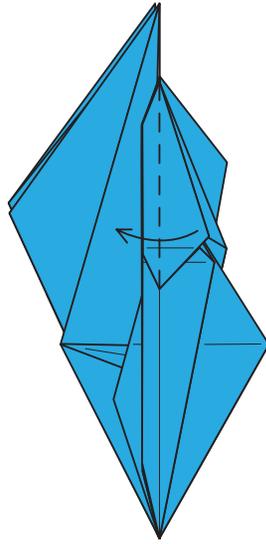
**57.** Unfold to step 54.



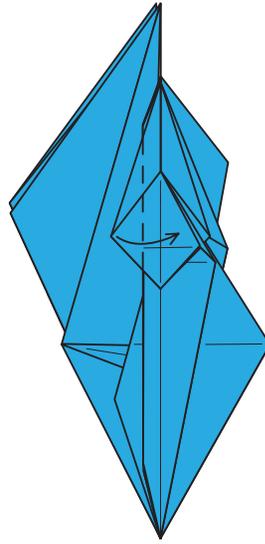
**58.** Sink in and out.



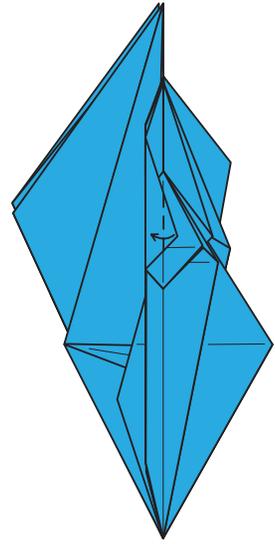
**59.** Sink the corner.



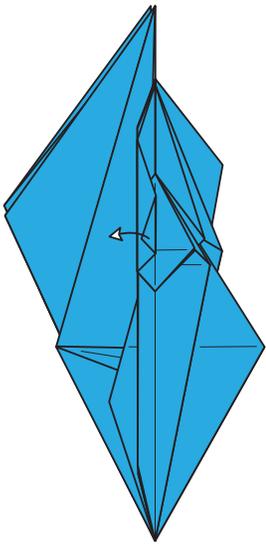
**60.** Fold one flap to the left.



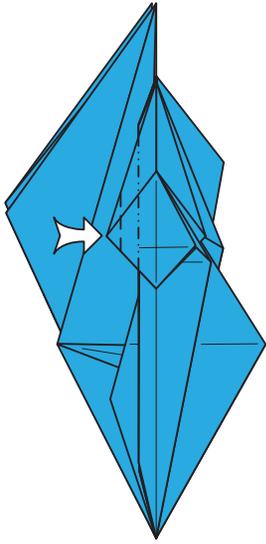
**61.** Fold the corner back to the right; the crease lines up with the edges behind it.



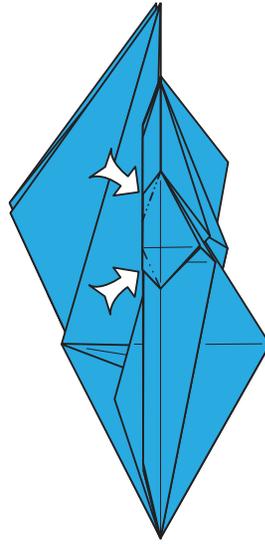
**62.** Fold the corner back to the left; the crease lines up with the center line.



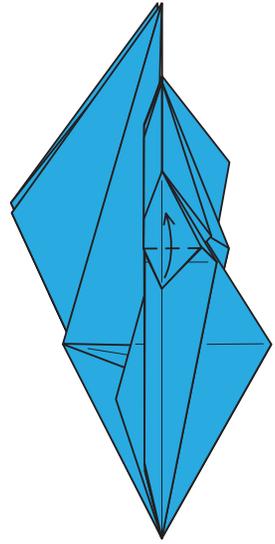
**63.** Unfold to step 61.



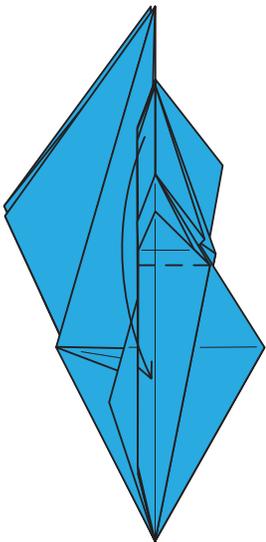
**64.** Sink the corner in and out.



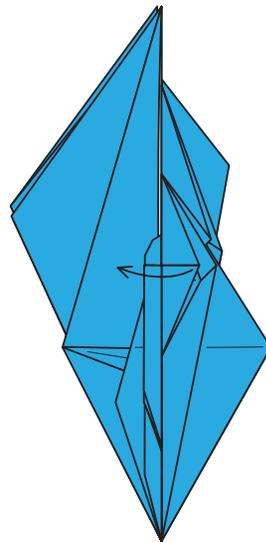
**65.** Open-sink the corners.



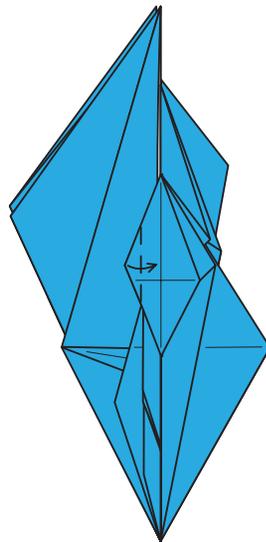
**66.** Fold the point up.



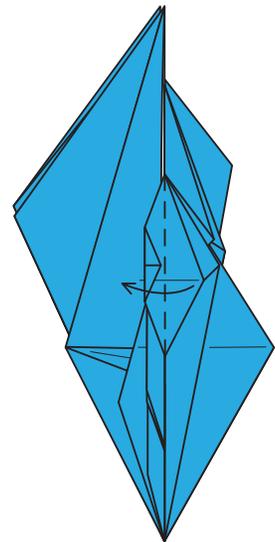
**67.** Fold the group of points downward.



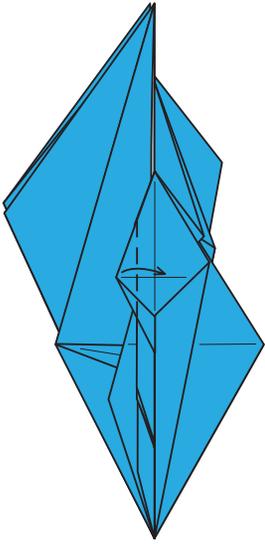
**68.** Fold one flap to the right.



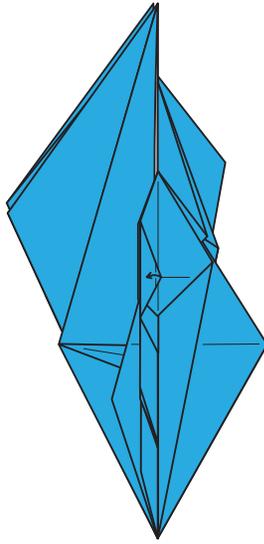
**69.** Valley-fold the corner in. The crease lines up with the edges behind it.



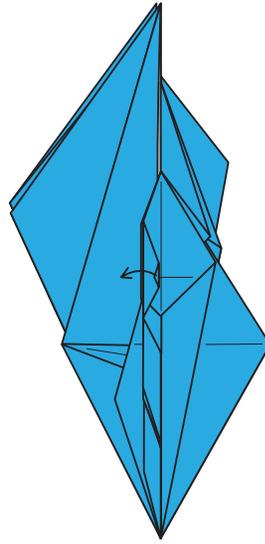
**70.** Fold another flap to the left.



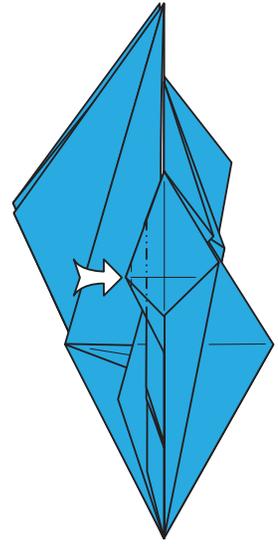
71. Fold the corner to the right.



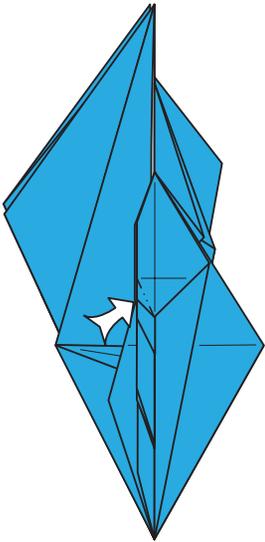
72. Fold the tip back to the left.



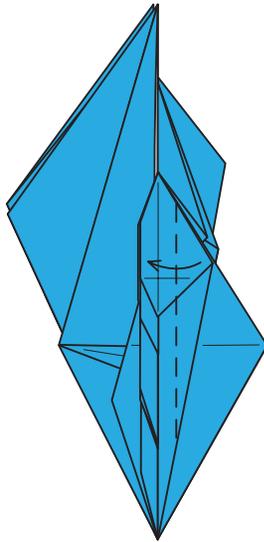
73. Unfold to step 71.



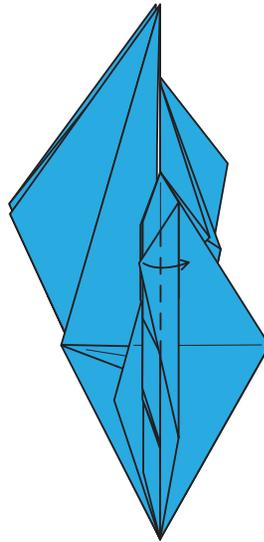
74. Sink in and out.



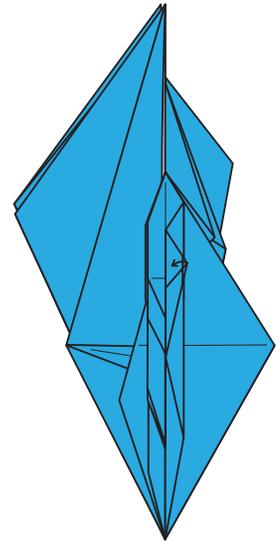
75. Sink the corner.



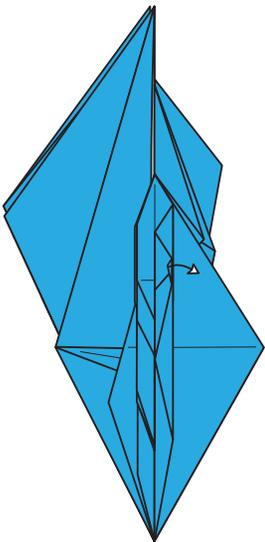
76. Fold the flap over to the left.



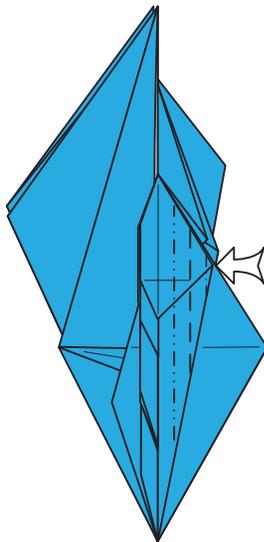
77. Fold the flap back to the right. The crease lines up with the center line.



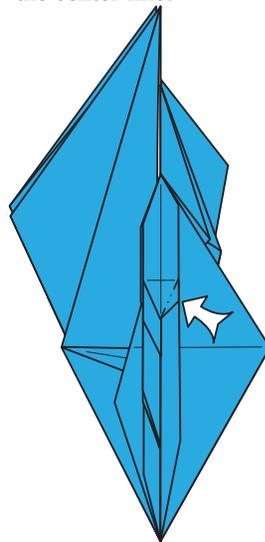
78. Fold the tip of the corner back to the left.



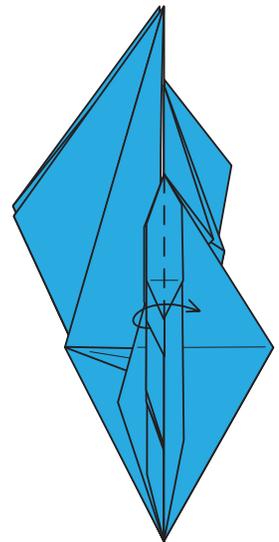
79. Unfold to step 76.



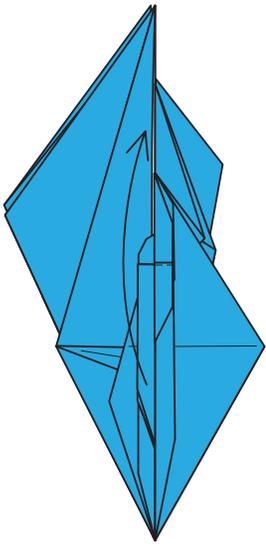
77. Sink in and out.



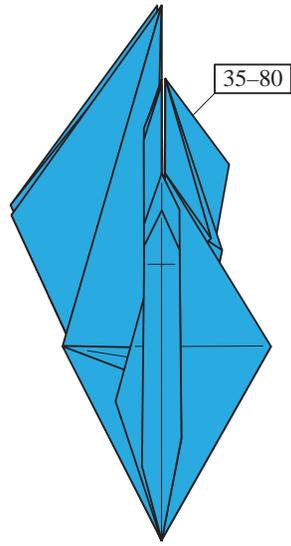
78. Sink the corner.



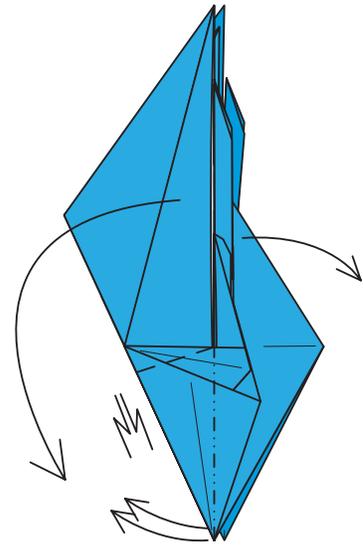
79. Fold a group of layers back to the right.



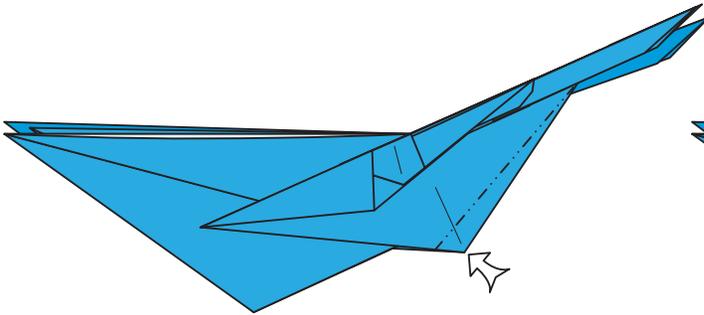
**80.** Fold the group of points back up to the top.



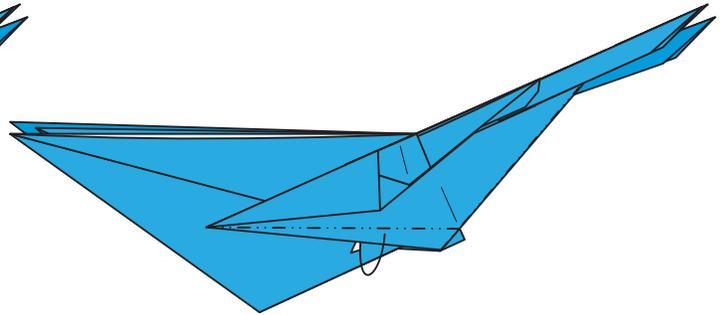
**81.** Repeat steps 35–80 behind.



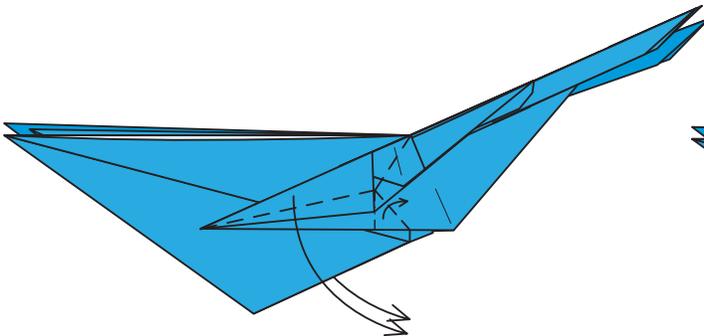
**83.** Crimp the body to form two legs.



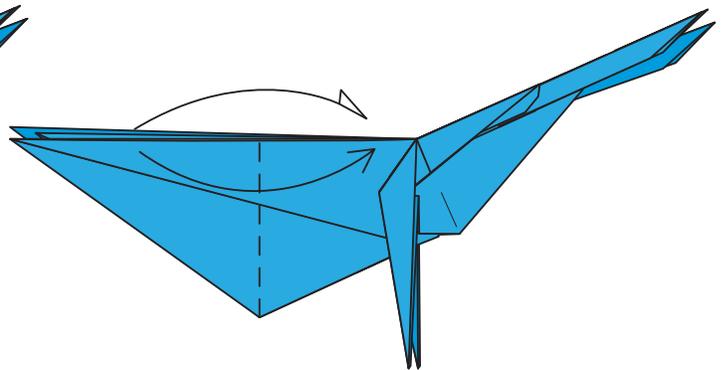
**84.** Sink the long edge.



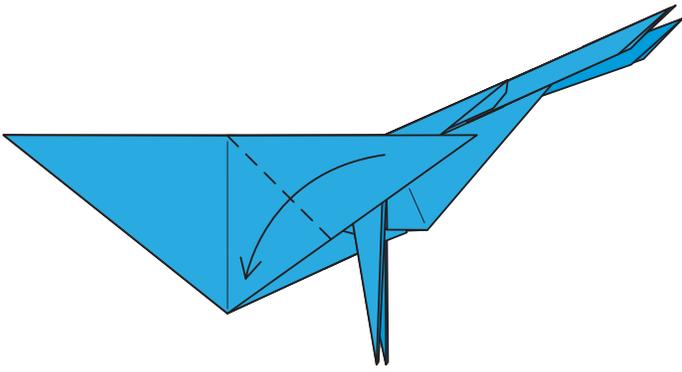
**85.** Mountain-fold the edge underneath. Repeat behind.



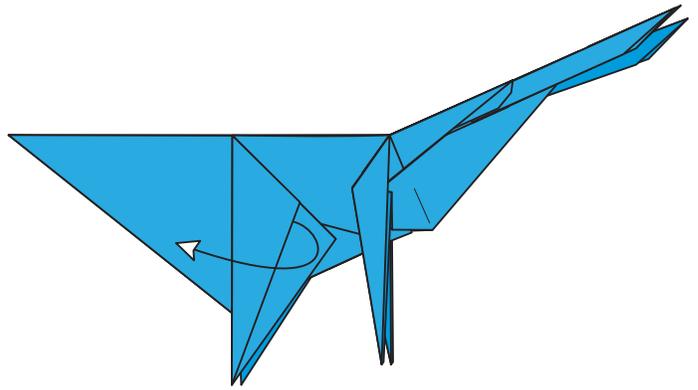
**86.** Fold a rabbit ear from the flap. Repeat behind.



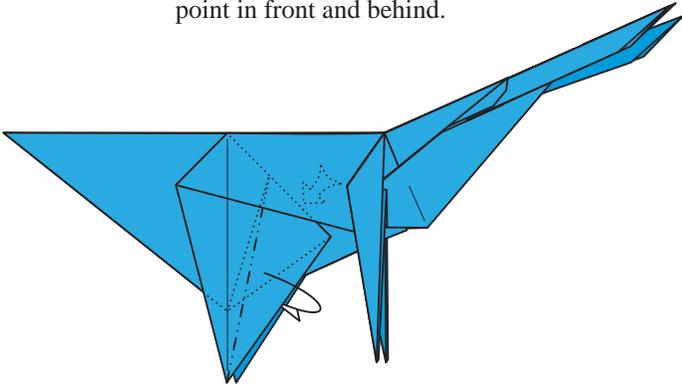
**87.** Fold one point to the right in front as far as possible. Repeat behind.



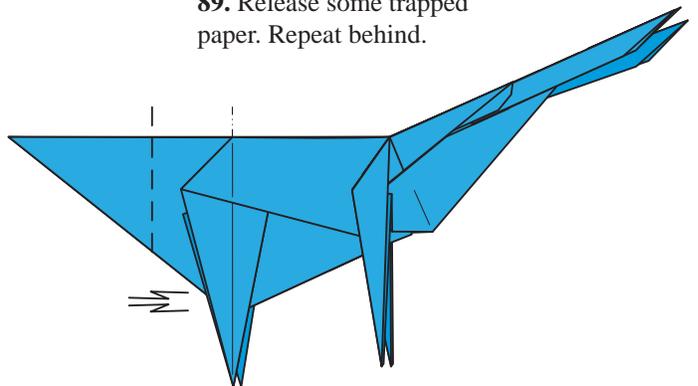
**88.** Valley fold downward a point in front and behind.



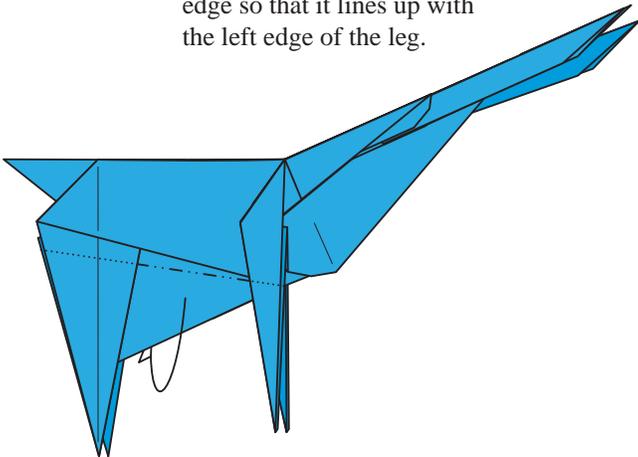
**89.** Release some trapped paper. Repeat behind.



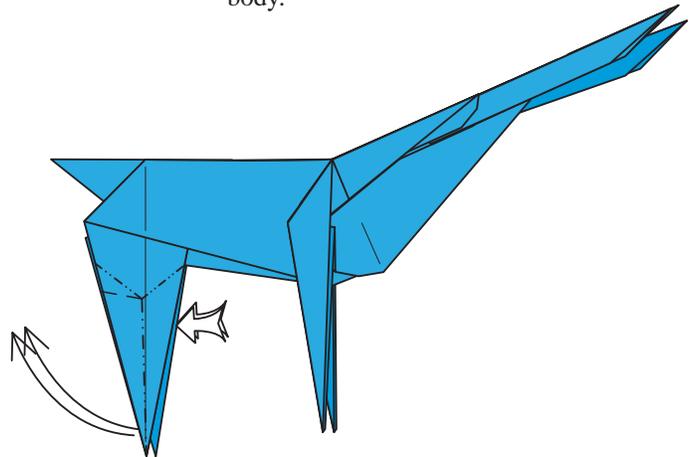
**90.** Reverse-fold the hidden edge so that it lines up with the left edge of the leg.



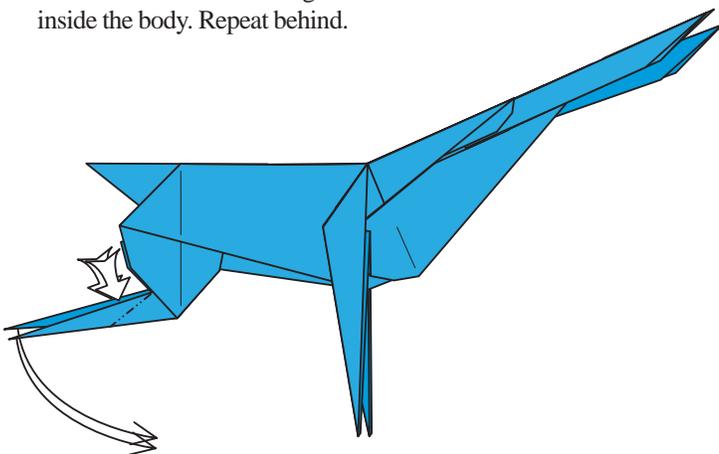
**91.** Crimp the tail inside the body.



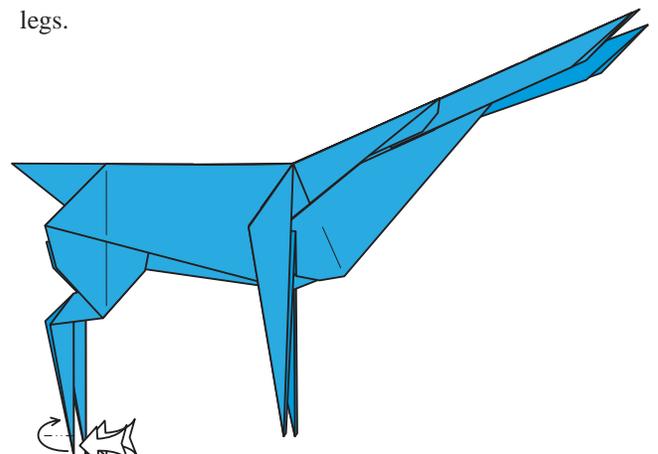
**92.** Mountain-fold the edge inside the body. Repeat behind.



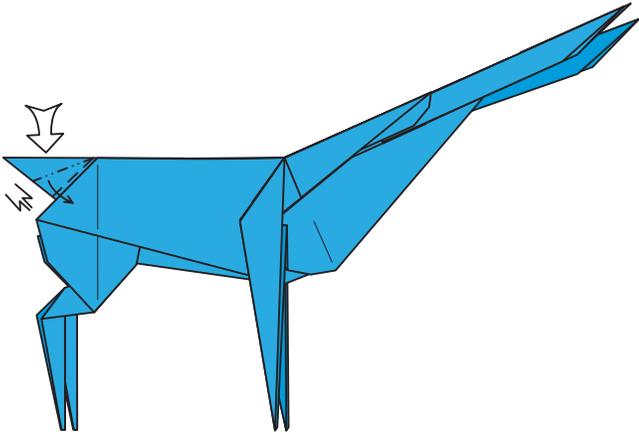
**93.** Double-rabbit-ear the hind legs.



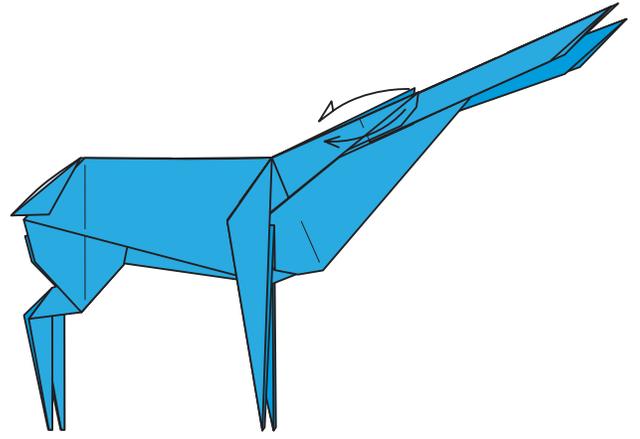
**94.** Reverse-fold the hind legs downward.



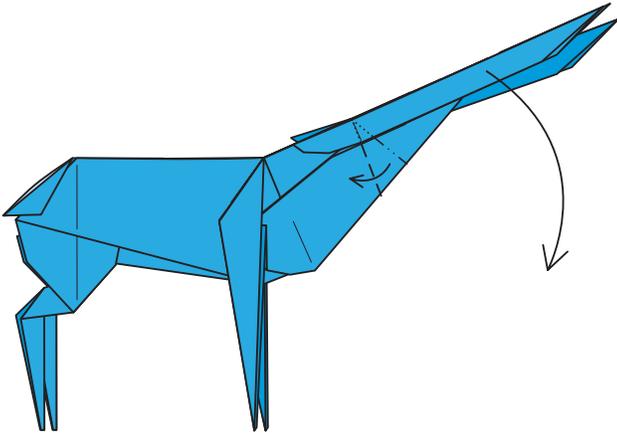
**95.** Reverse-fold the tips of the legs.



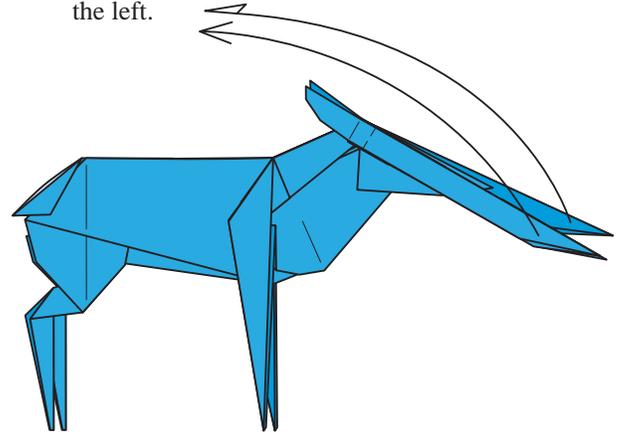
96. Squash-fold the tail.



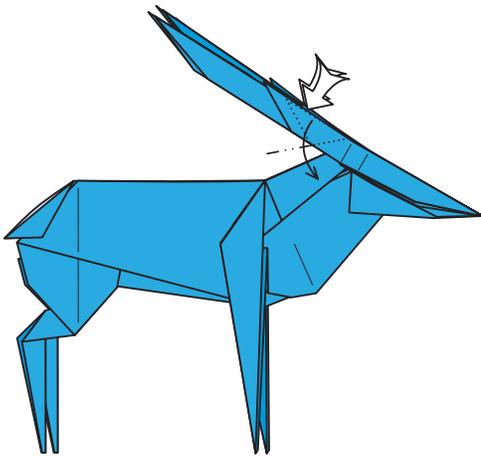
97. Fold the ears back toward the left.



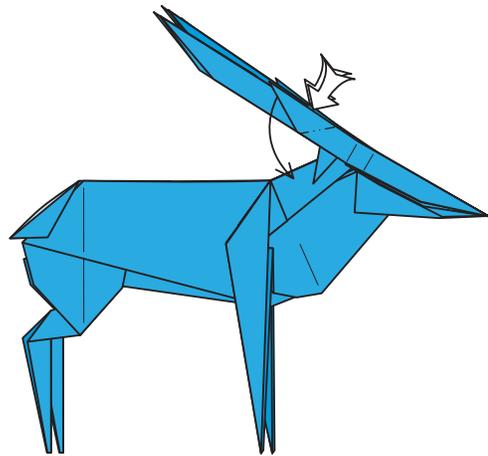
98. Crimp the head and antlers downward, pivoting around the point where the ears join the head.



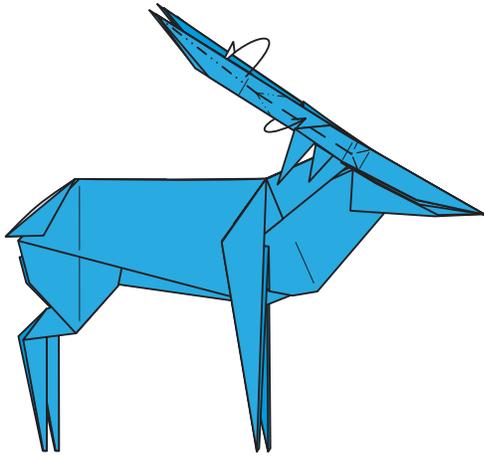
99. Fold the antlers back to the left.



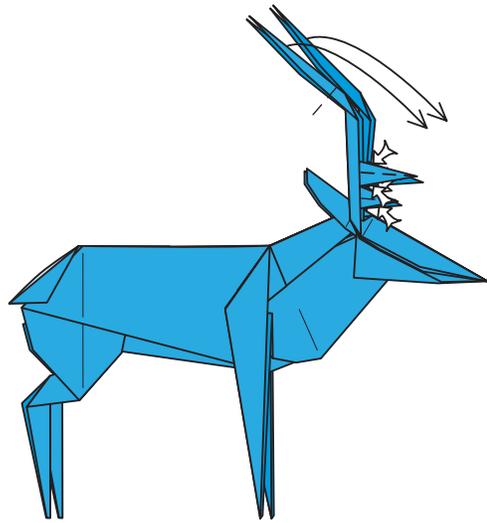
100. Reverse-fold the hidden point downward. Repeat behind.



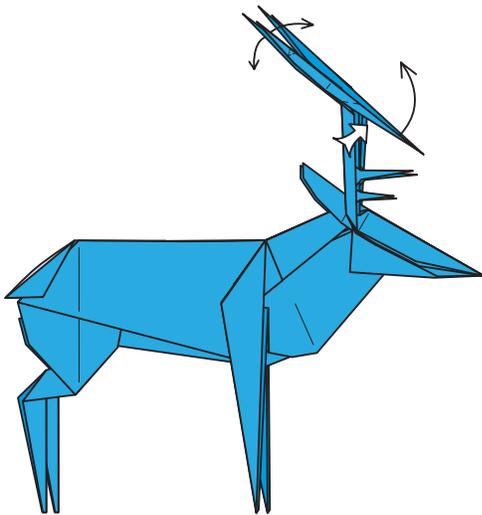
101. Reverse-fold the outermost point downward.



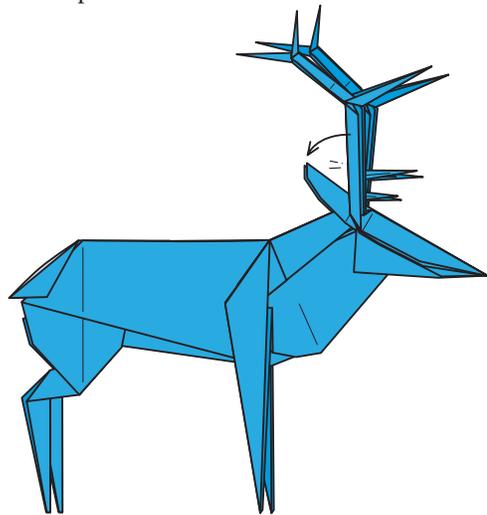
**103.** Fold the antlers in half, reversing the direction of the fold halfway along their length. Repeat behind.



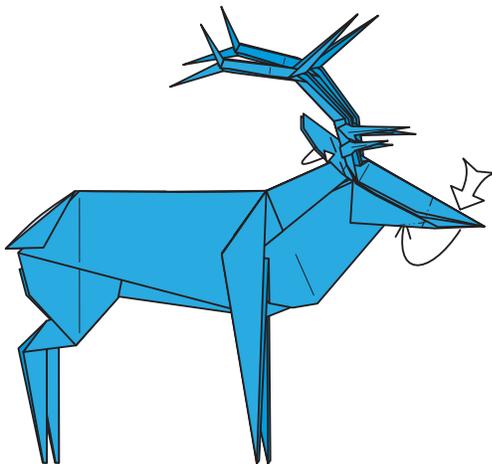
**104.** Pinch the two eyebrow horns at their base to narrow them. Reverse-fold one of the upper horns down and to the right. Repeat behind.



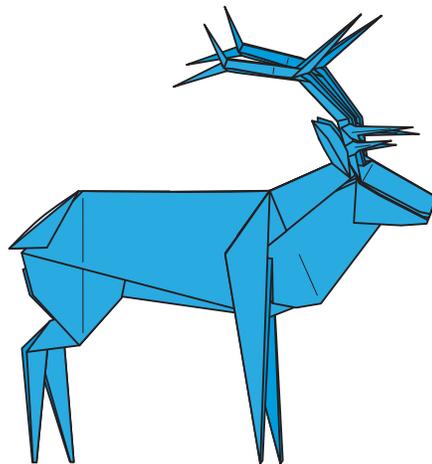
**105.** Reverse-fold the front point. Crimp the two left points apart. Repeat behind.



**106.** Crimp the antlers. Shape naturally.



**107.** Open and shape the ears. Reverse-fold and shape the muzzle.



**108.** Finished Roosevelt Elk.