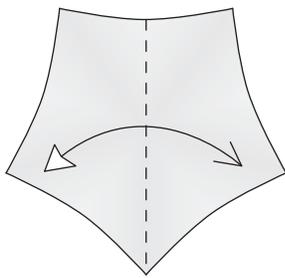
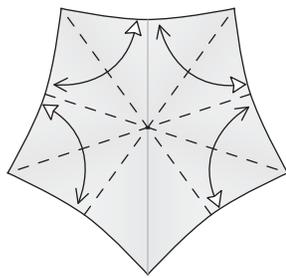


# Hyperbolic Crane

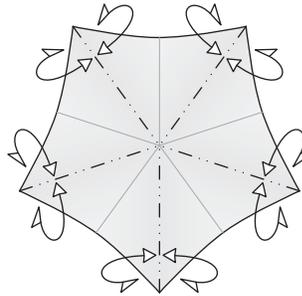
by Robert J. Lang, [www.langorigami.com](http://www.langorigami.com)



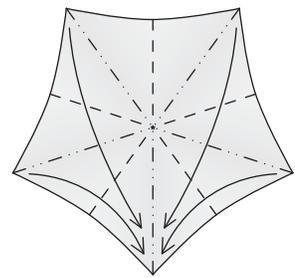
**1.** Begin with a hyperbolic pentagon. Fold in half through one corner and unfold.



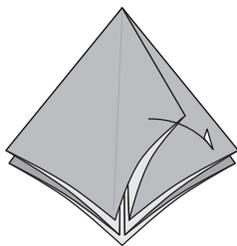
**2.** Repeat with each of the other 4 corners.



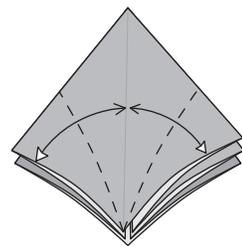
**3.** Change each of the creases that run from corner to center to mountain folds, i.e., crease each fold in the other direction.



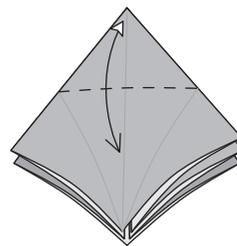
**4.** Using the existing creases, gather all 5 corners together at the bottom.



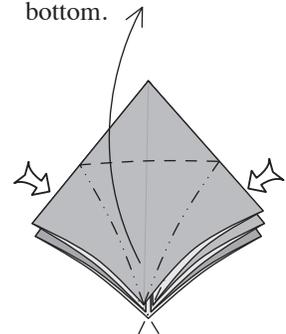
**5.** There is one extra flap in the middle. Fold it over to the right.



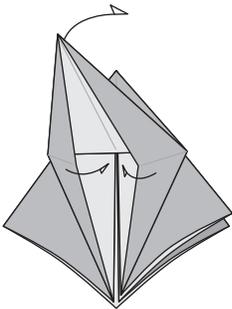
**6.** Fold one flap (two layers) so that the raw edge aligns with the center line; press firmly and unfold. Repeat on the right.



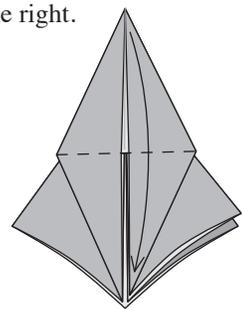
**7.** Fold the top flap down along a line connecting the creases you just made hit the edges and unfold.



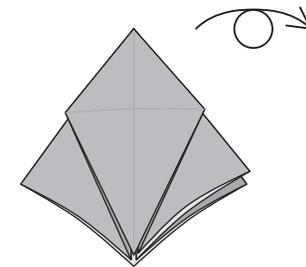
**8.** Lift up the bottom corner and push the sides in so that they meet along the center line.



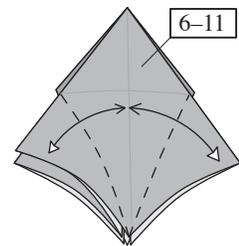
**9.** In progress. Flatten so that all layers lie together.



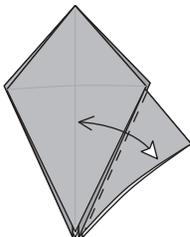
**10.** Fold the flap down.



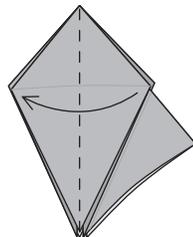
**11.** Turn the paper over from side to side.



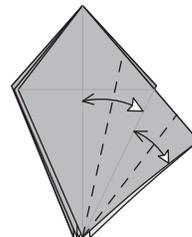
**12.** Repeat steps 6–11 on this side.



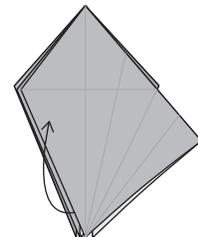
**13.** Fold and unfold along a crease aligned with existing edges.



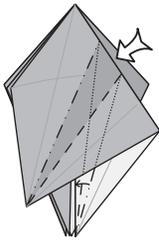
**14.** Fold one flap to the left.



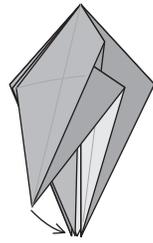
**15.** Bisect two angles on the wide flap on the right.



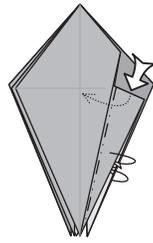
**16.** Lift up the near flap a bit in preparation for the next step.



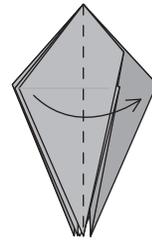
**17.** Using the existing creases, invert the shaded region so that the paper zigs in and out. Look at the next figure to see the result.



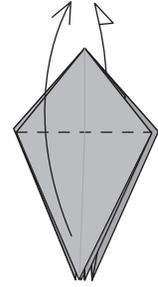
**18.** Flatten.



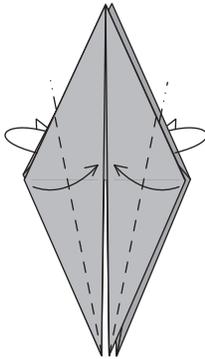
**19.** Invert the corner and tuck the edges inside.



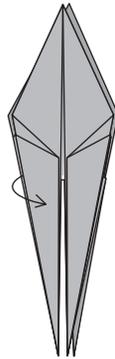
**20.** Fold one flap to the right.



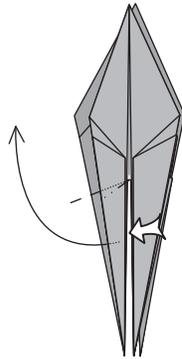
**21.** Fold one layer up in front and one layer up behind.



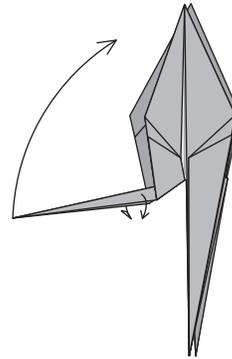
**22.** Fold two edges to the center line in front and two to the center line behind.



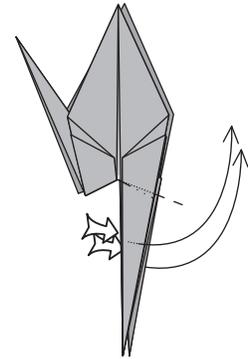
**23.** Open out the single point on the left side slightly.



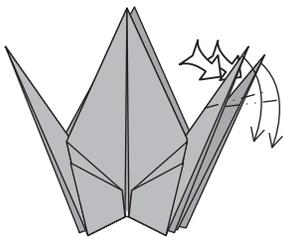
**24.** Push on the central edge of the flap so that it turns inside out between its upper edges.



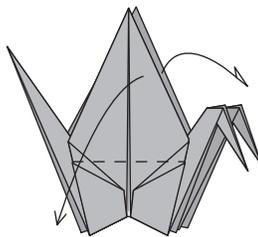
**25.** Swing the point up almost all the way to the top and fold its edges together. Flatten into the new position.



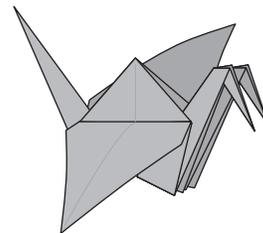
**26.** Repeat steps 24–25 on both of the points on the right.



**27.** Reverse the tips of both points so that they point downward, similarly to what you did in steps 24–25.



**28.** Fold one wing down in front and the other down behind.



**29.** The finished Hyperbolic Crane.