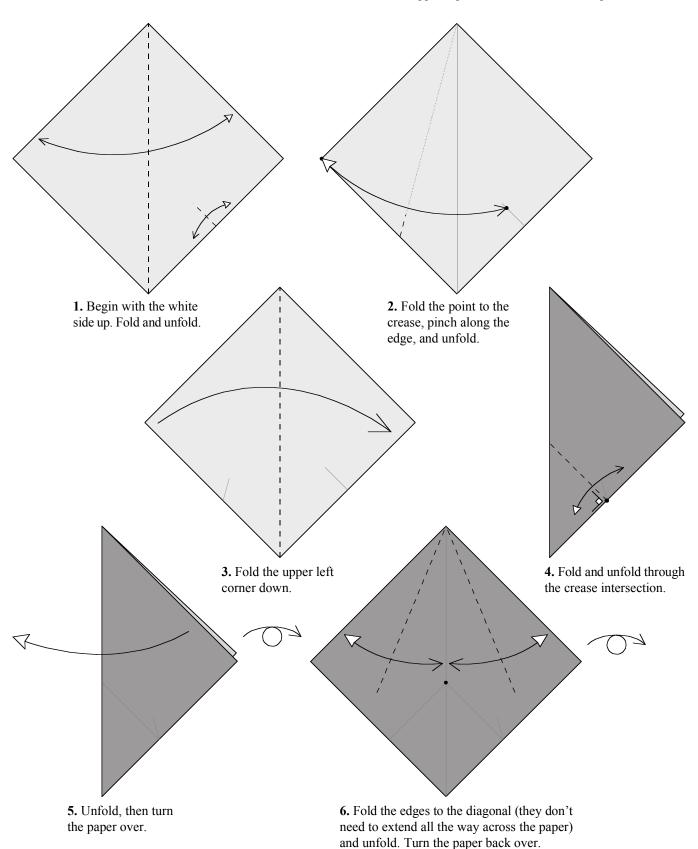
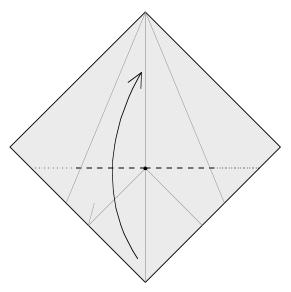
## RiF-RiF Bird

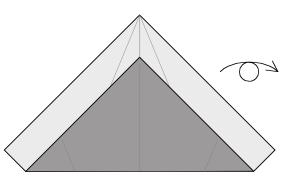
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RiF-RiF stands for "Rigidly Foldable, Rigidly Flapping." This bird (which uses a mechanism derived from that of Randlett's "New Flapping Bird") can be folded rigidly and flaps rigidly, i.e., with all deformations happening on creases and no bending of facets.

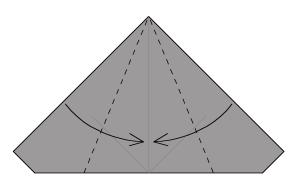




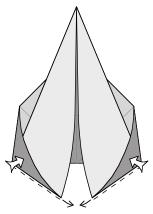
7. Fold the lower right corner up along a fold that passes through a crease intersection. You don't need to make it sharp beyond the creases you just made.



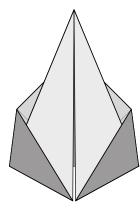
**8.** Turn the paper over.



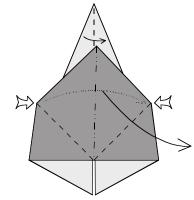
**9.** Fold the side edges in on the existing creases. The paper will not lie flat.



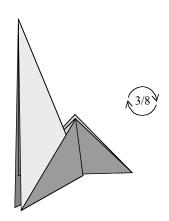
**10.** Flatten the paper, forming creases that run to the corners.



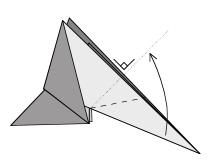
**11.** Like this. Turn the paper over.



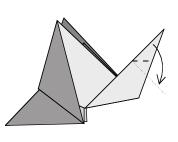
**12.** Squeeze the sides together and open out the pocket between the two top flaps. Flatten.



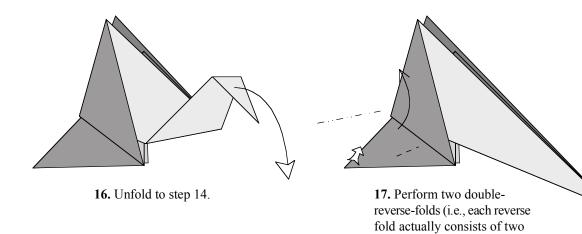
**13.** Rotate the paper 3/8 turn.

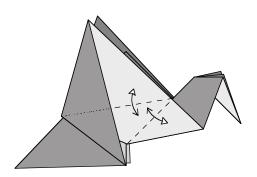


**14.** Fold the corner up, forming a right angle.

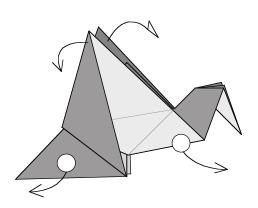


**15.** Fold the corner down to form a head.





**18.** Crease through all layers shown to form distinct hinges.



side-by-side reverse folds).

**19.** Hold where shown and pull; the bird will flap rigidly. Once the creases are in place, it can also be folded and unfolded rigidly in a single motion.