

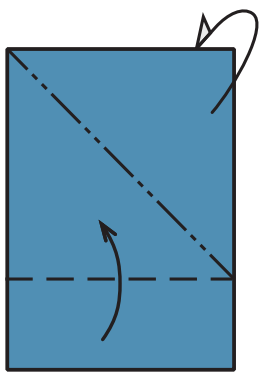
Star 7

Square From Silver Rectangle

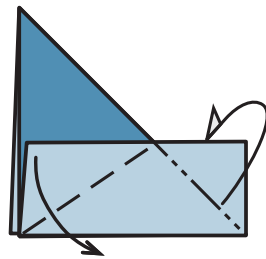
★
Use seven silver rectangles like A7
Finished model ratio 2.5

This seven-piece model follows on from the previous models. It approximates the interior angle of a regular heptagon (128.57°) with 126.184° . This comes from taking a quarter of $\tan^{-1}(1/\sqrt{2})$ away from 90° and then adding 45° .

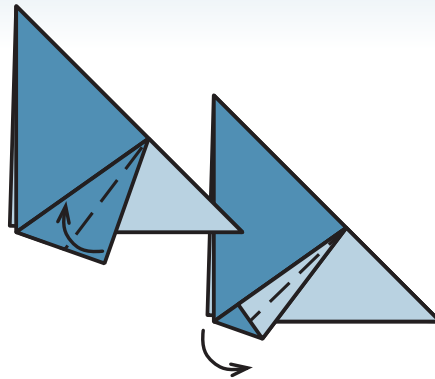
Module ★



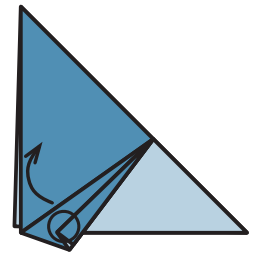
1 Bisect the top left right angle with a mountain fold. Valley fold the bottom edge to the left vertical edge.



2 Fold the right flap behind. Fold the diagonal of the small silver rectangle.

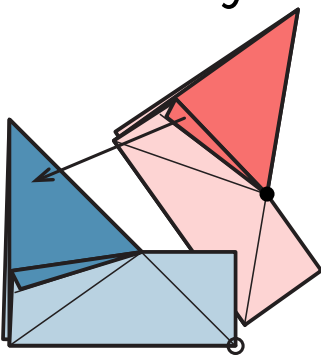


3 Fold the raw lower edge of the flap up to bisect the angle. Then fold the edge down to bisect the new smaller flap.

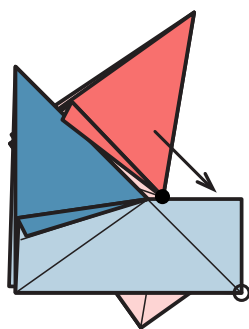


4 Hold the corner and pull away, keeping the most recent fold in place. Unfold the right flap.

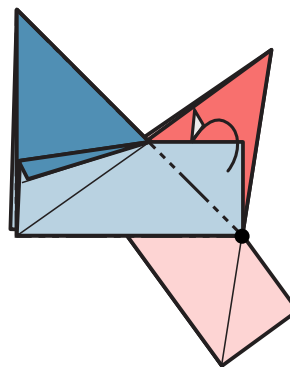
Assembly ★



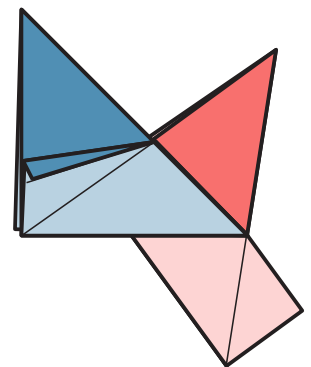
1 Hook the folded flap of the second unit between the layers of the first unit.



2 After hooking the second unit onto the first, slide the second unit to the right as far as it will go.



3 Mountain fold the flap of the first unit behind to finish joining the first two units.



4 Continue adding units in a clockwise direction. To join the last unit to the first, first lift the end of the last unit up and over the first unit.