

Floral Swirls (by Madhura Gupta)

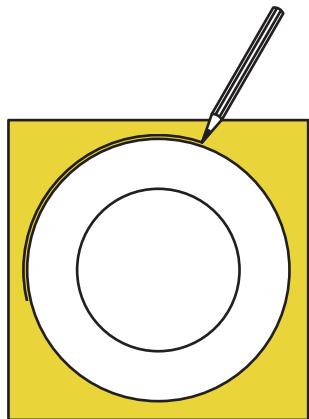
Design: Madhura Gupta

Diagrams: Peter Buchan-Symons

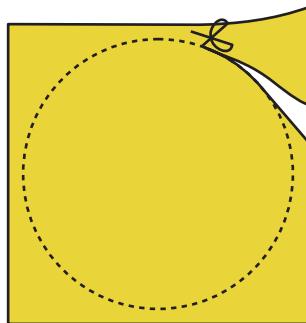


First time:  15cm/6"

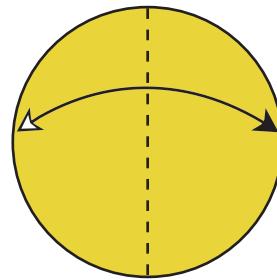
Preparing a Quarter Circle



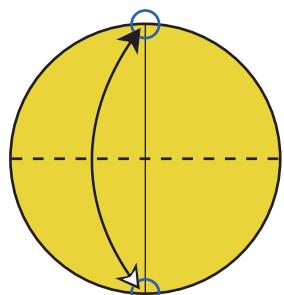
1. Draw a circle with a pair of compasses or a circular template object such as a plate. (Or you could use a cutter compass in step 2 and skip drawing the circle.)



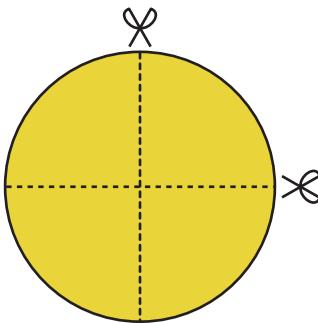
2. Cut out the circle.



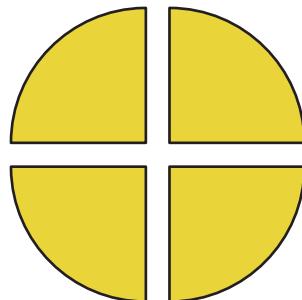
3. Fold the paper in half, then unfold.



4. Fold the lower circled point to the upper circled point, then unfold.

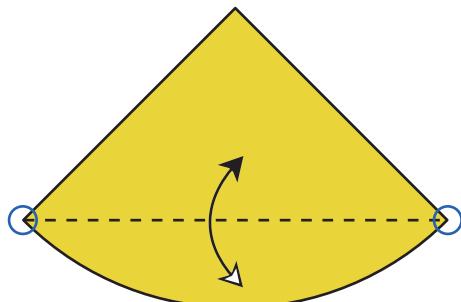


5. Cut along the creases to divide the paper into four pieces.

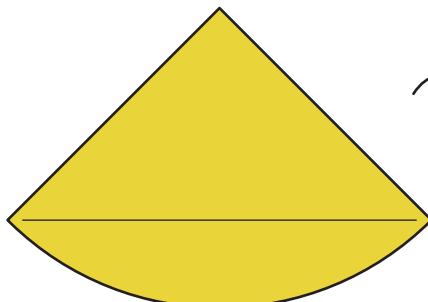


One unit

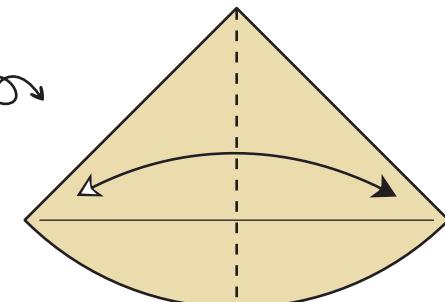
Start colour side up.



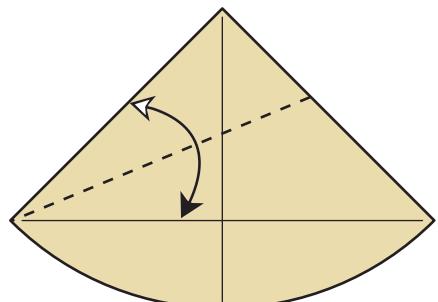
1. Make a fold-line which connects the circled points, then unfold.



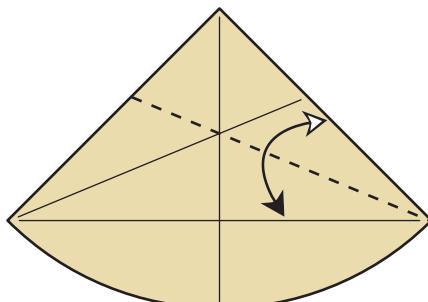
2. Turn the paper over.



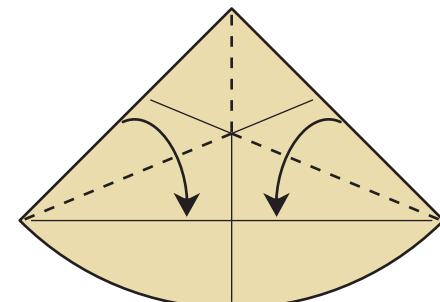
3. Fold the left half onto the right half, then unfold.



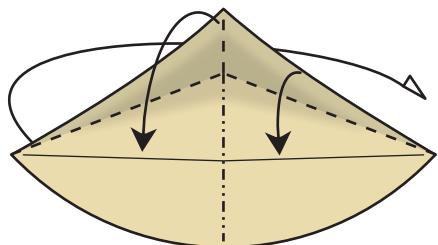
4. Fold an angle bisector, then unfold.



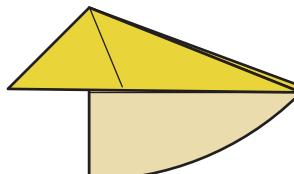
5. Fold an angle bisector, then unfold.



6. Begin to rabbit-ear the corner.

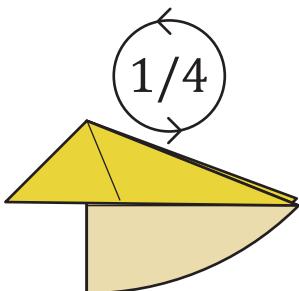


7. Fold the left corner behind the right corner and flatten the paper.

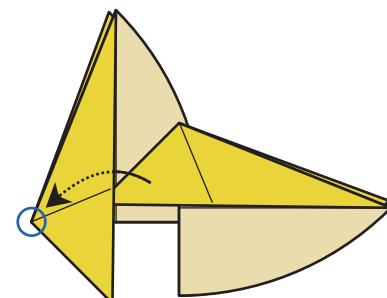


Assembly

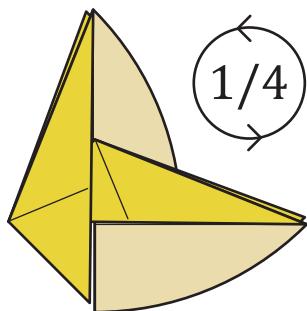
Take two units



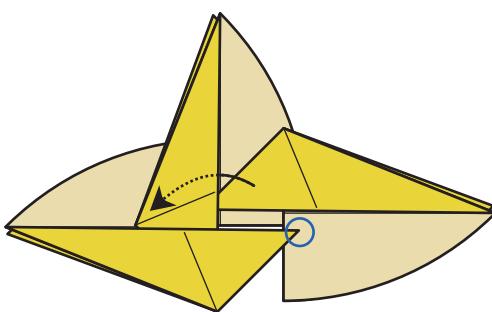
1. Rotate the left unit $\frac{1}{4}$ turn
anticlockwise.



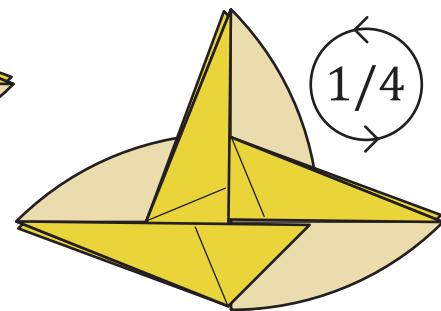
2. Slide the corner of the right unit under the edge of
the left unit so that it touches the circled corner.



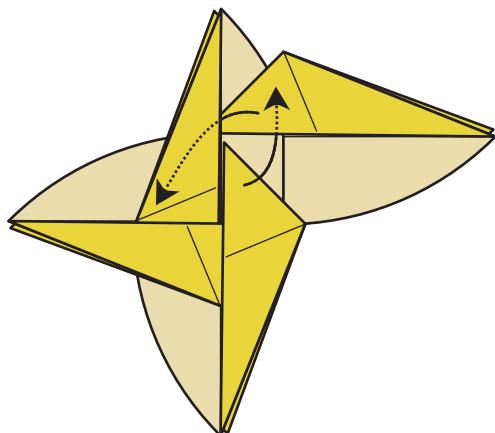
3. Rotate the units $\frac{1}{4}$ turn
anticlockwise.



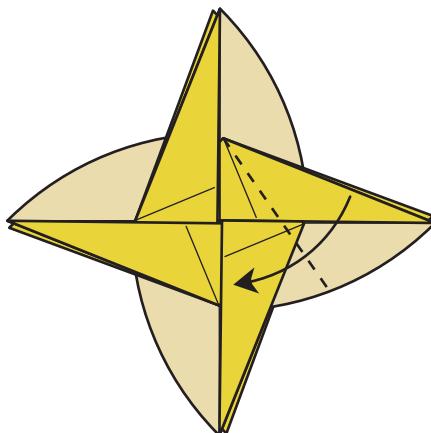
4. Take another unit and repeat step
2. Make sure the circled point is above
the new unit.



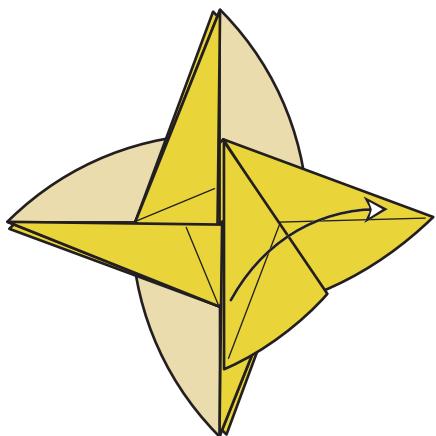
5. Rotate the units $\frac{1}{4}$ turn
anticlockwise.



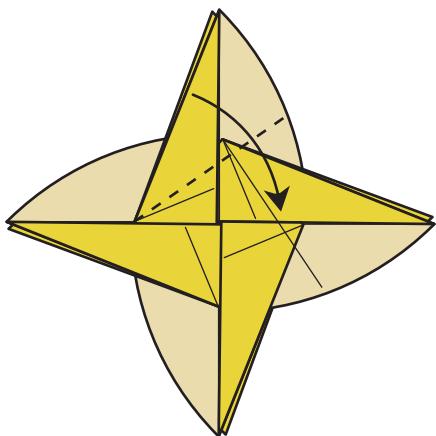
6. Take another unit and repeat step 2 twice simultaneously; the
new unit slides into the pocket on the left and the corner of the
first unit slides into the pocket of the new unit.



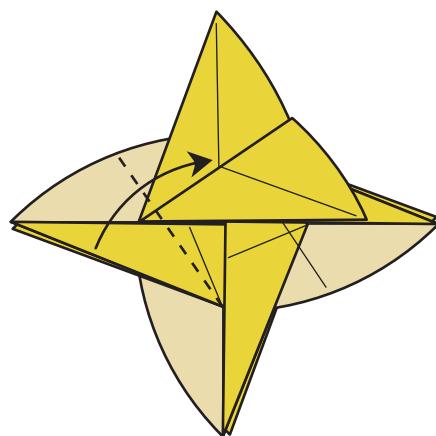
7. Fold one edge along angle bisector.



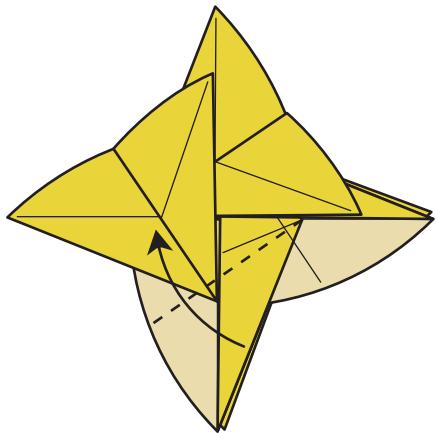
8. Unfold step 7.



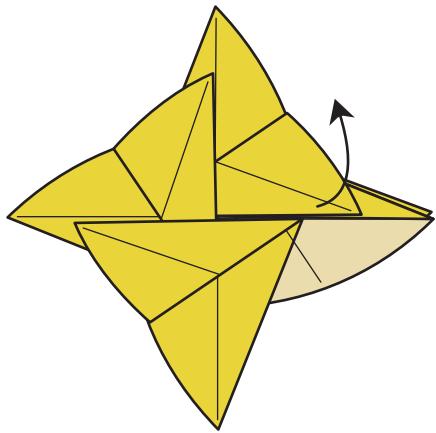
9. Fold one edge along angle bisector.



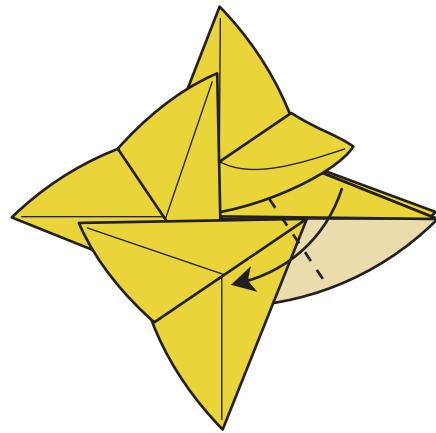
10. Fold one edge along angle bisector.



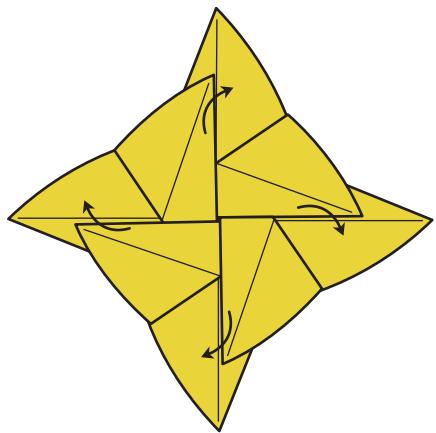
10. Fold one edge along angle bisector.



11. Lift the indicated corner slightly.



12. Fold along existing creases made in step 7.



13. Optionally, curl the flaps slightly to make the model more three-dimensional.

