Three kinds of pieces (zellij) make this tiling: an octagram star appearing as two overlapping squares, a regular octagon and an irregular (but symmetrical) hexagon.

A. Khatem Octagram ★★

1. Valley fold diagonals. Turn over.
2. Fold corners to the centre and unfold. Turn over.
3. Bisect the lower left 45° angle. Rotate 90° and repeat (3x).
4. Fold the edge onto the location point.
5. Fold the flap behind and let the upper flap flip down.
6. Repeat on the three other corners.
7. Complete.

B. Regular Octagon ★★

1. Crease partial diagonals. Bisect the lower left 45° angle, but only pinch the bottom right raw edge. Rotate 180° & repeat.
2. On the edge with the pinch mark, halve the larger fraction and pinch. Rotate 180° and repeat.
3. Join the new pinch marks together and pinch the edges. Unfold.
4. Fold the corners inward using the pinch marks. Turn over.
C. Hexagon ★★

1. Fold in half, left and right edges together and unfold.
2. Fold the bottom left and right corners to the centre. Unfold.
3. Fold the bottom edges onto the creases, bisecting the 45° angles.
4. Fold vertically through the corners. Rotate 180°.
5. Fold the bottom edge onto the right raw vertical edge.
6. Fold the lower right edge onto the folded edge.
7. Tuck the left flap into the right flap to lock.
8. Turn over. Complete.

Collage ★★

Even a quarter tile is effective: in some ways, its half-turn rotational symmetry and two diagonal mirror lines is more pleasing (and less familiar) than the full tile which has quarter-turn symmetry and four mirror lines.

You can make a simple collage by folding pieces from white paper and placing them onto a colour backing sheet. Glue the pieces if you need a more longer lasting display.

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