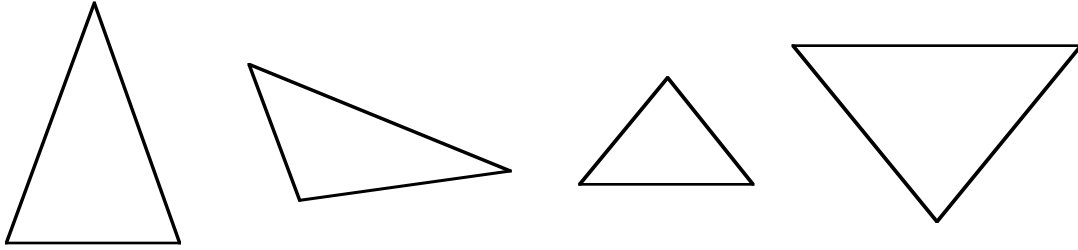


# COUNTDOWN Challenge

## Symmetry Using Polygons

**Triangles** - Find three triangles with 1 line of symmetry. Draw in the line of symmetry and color them red.  
Find three triangles with 3 lines of symmetry. Draw in the lines of symmetry and color them orange.

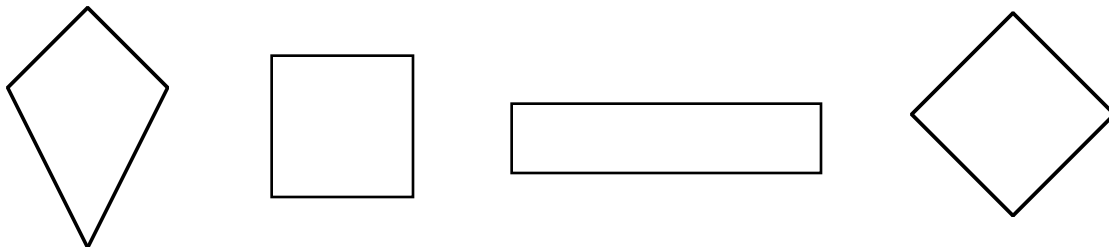


Make two of your own triangles with one line of symmetry. Make two of your own triangles with three lines of symmetry.

Do you think it is possible to make a triangle with 2 lines of symmetry?

### **Quadrilaterals** -

Find four quadrilaterals with 1 line of symmetry. Draw in the line of symmetry and color the polygons blue.  
Find four quadrilaterals with 2 lines of symmetry. Draw in the lines of symmetry and color the polygons green.  
Find four quadrilaterals with 4 lines of symmetry. Draw in the lines of symmetry and color the polygons yellow.



Make two of your own quadrilaterals with one line of symmetry. Make two of your own quadrilaterals with two lines of symmetry. Make two of your own quadrilaterals with 4 lines of symmetry.

Do you think it is possible to make a quadrilateral with 3 lines of symmetry?