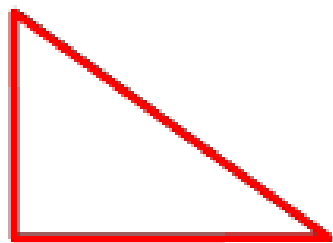


Rotational symmetry (# of times it looks exactly like itself when you rotate it around its centre point)

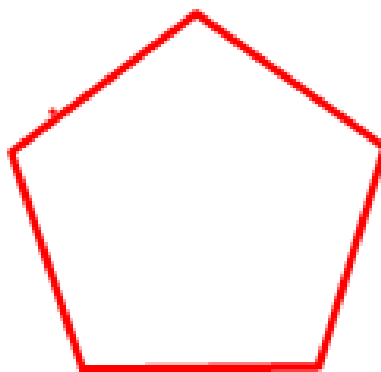
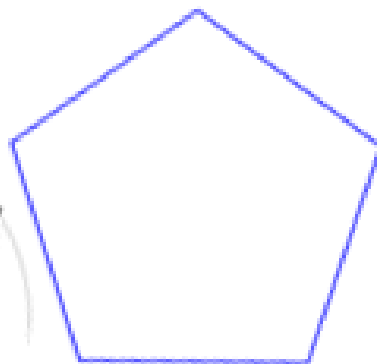


Order of Rotational Symmetry

= 2



If its 1 = no rotational symmetry

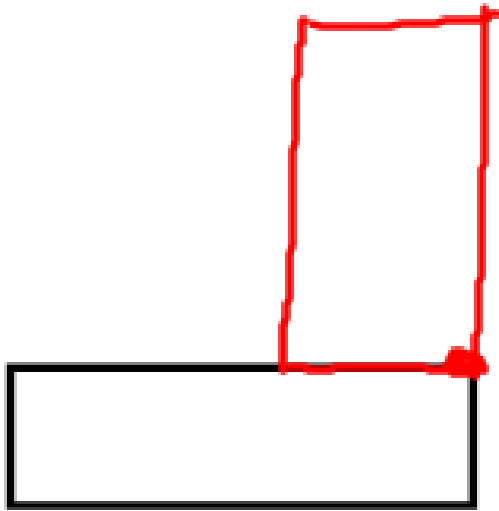


5

circles have infinite rotational symmetry

$$\text{ANGLE} = \frac{360^\circ}{\text{the order of rotation}}$$

$$\text{ORDER} = \frac{360^\circ}{\text{Angle of rotational symmetry}}$$



90° clockwise



Try these!

What is the Order of Rotational Symmetry? What is the Angle of Rotational Symmetry?

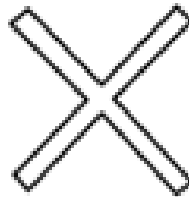
a).



b).



c).



pg 365
#4-8

worksheet #1
#3