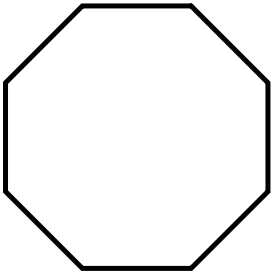


Independent Practice

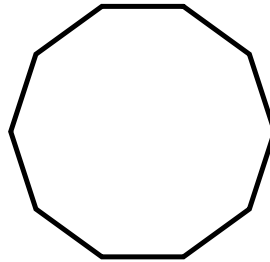
What is the definition of a regular polygon?

A shape where all sides and angles are congruent

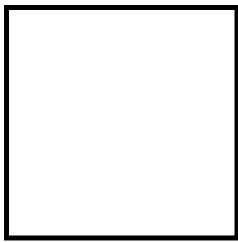
What is the minimum amount of degrees you must rotation each REGULAR polygon to carry it onto itself



Angle of Rotation: 45°



Angle of Rotation: 36°



Angle of Rotation: 90°

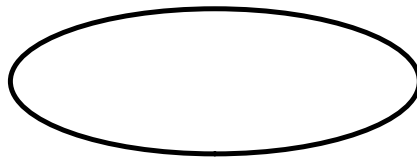
A regular polygon with 12 sides.

Angle of Rotation: 30°

What is the minimum amount of degrees you must rotation each polygon to carry it onto itself



360°

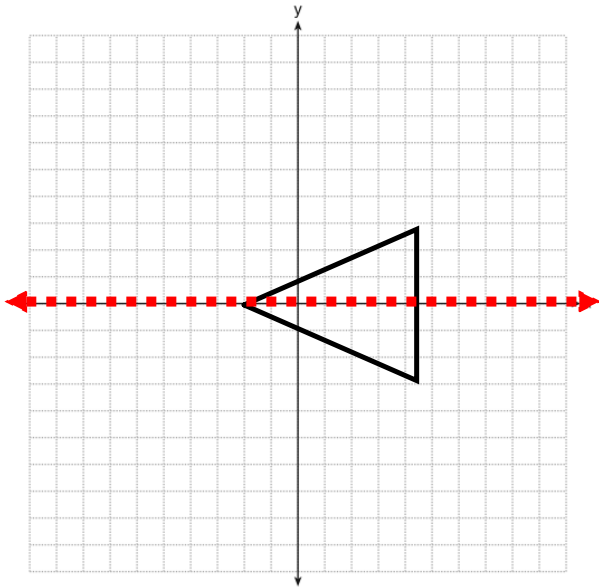


180°

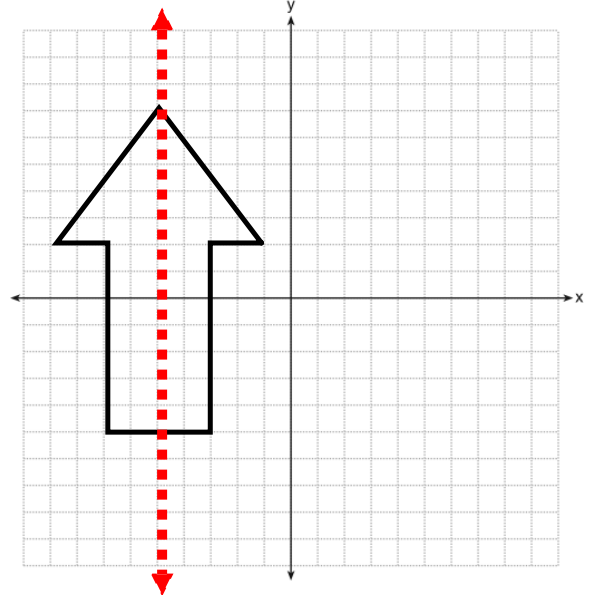


180°

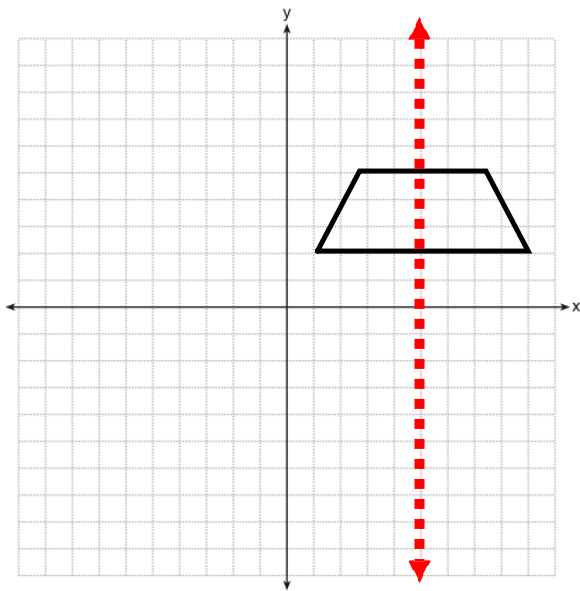
Draw all lines of symmetry. State the reflection that would carry the figures onto themselves



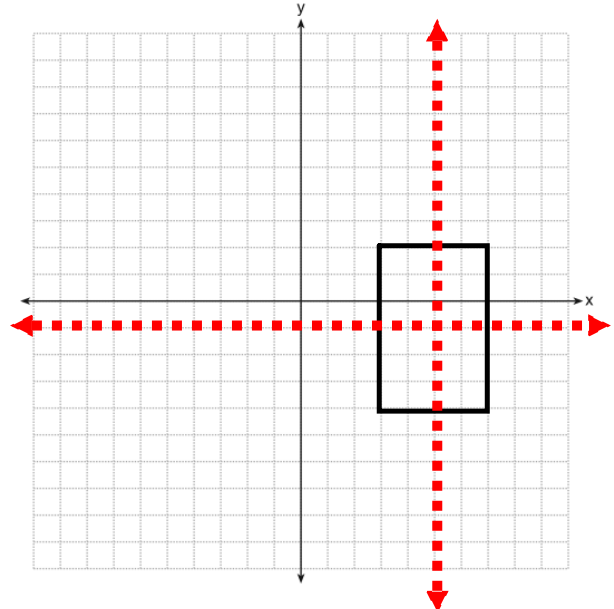
y-axis



$x = -5$



$x = 5$



$x = 5$ and $y = -1$

