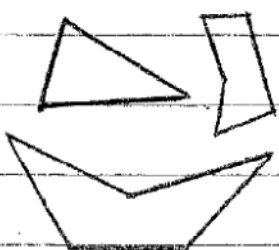
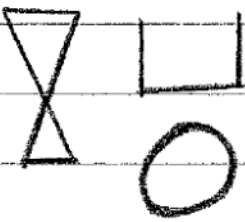
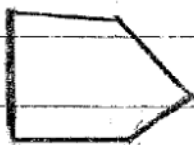


Polygons

Polygon	Not a Polygon
	

Pentagon



5 Sides

Hexagon



6 Sides

Octagon



8 Sides

Decagon



10 Sides

Heptagon (7 Sides)

Nonagon (9 Sides)

Regular Polygon \rightarrow All sides and angles are congruent

Find the measure of each angle of a regular decagon.

$n = \#$ of sides

$$\frac{180(n-2)}{n} = \frac{180(10-2)}{10}$$
$$= \frac{180(8)}{10} = \frac{1440}{10} = \boxed{144^\circ}$$