

Polygon Interior/Exterior Angles:

$$\text{Sum of int. angles} = 180(n - 2)$$

$$\text{Each int. angle (regular)} = \frac{180(n - 2)}{n}$$

$$\text{Sum of ext. angles} = 360$$

$$\text{Each ext. angle (regular)} = \frac{360}{n}$$

**SUM OF INTERIOR ANGLES
OF AN n -SIDED POLYGON:**

$$180(n - 2)$$

Polygon Angle Formulas

Interior Angle Formulas

Sum of the Interior Angles of a polygon with n sides = $180^\circ(n - 2)$

Measure of an interior angle of an n -sided regular polygon = $\frac{180^\circ(n-2)}{n}$