

REGULAR POLYGONS

Number of Sides (n)

$$\frac{360}{\text{ext } <}$$

$$\frac{180(n - 2)}{n}$$

$$\frac{360}{n}$$

$$\frac{360}{180 - \text{int } <}$$

or

$$\frac{180(n - 2)}{n} = \frac{\text{int } <}{1}$$

Measure of One

Measure of One

Exterior Angle (Ext. \angle)

Interior Angle (Int. \angle)

$$180 - \text{ext } <$$

$$180 - \text{int } <$$

Sum of exterior \angle 's of any n-gon = 360

Sum of interior \angle 's of any n-gon = $180(n-2)$

