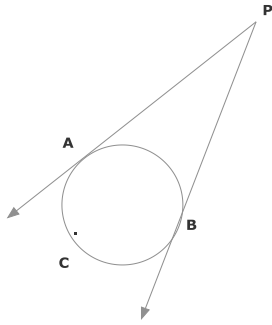


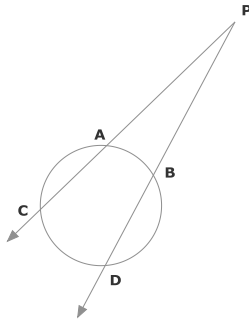
Angle Measures

Angle formed by 2 tangent lines



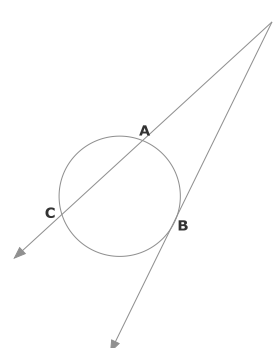
$$m\angle P = \frac{1}{2}(m\widehat{ACB} - m\widehat{AB})$$

Angle formed by 2 secant lines



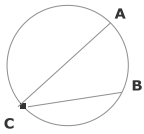
$$m\angle P = \frac{1}{2}(m\widehat{CD} - m\widehat{AB})$$

Angle formed by tangent and secant line



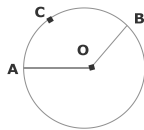
$$m\angle P = \frac{1}{2}(m\widehat{CB} - m\widehat{AB})$$

Inscribed angle



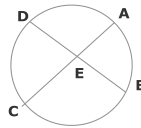
$$m\angle C = \frac{1}{2}(m\widehat{AB})$$

Central angle



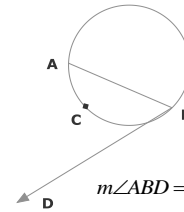
$$m\angle AOB = (m\widehat{ACB})$$

Angle formed by 2 intersecting chords



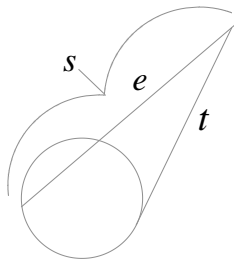
$$m\angle DEA = \frac{1}{2}(m\widehat{DA} + m\widehat{CB})$$

Angle formed by tangent line and chord

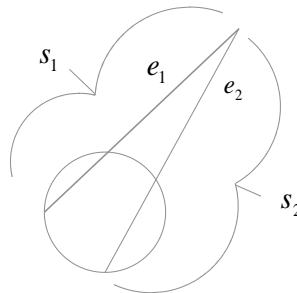


$$m\angle ABD = \frac{1}{2}(m\widehat{ACB})$$

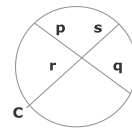
Line segment length relationships



$$s * e = t^2$$



$$s_1 * e_1 = s_2 * e_2$$



$$p * q = r * s$$