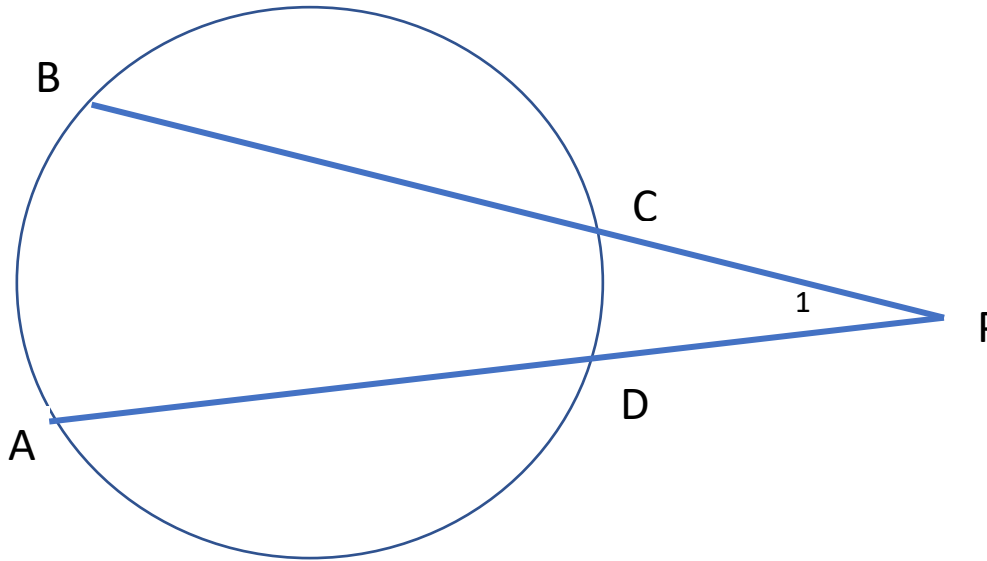


## Angles formed by Secants Outside the Circle



When two secants are drawn to a circle from an exterior point, the measure of the angle formed is equal to half the sum of the intercepted arcs

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