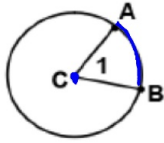
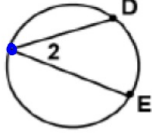
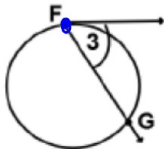
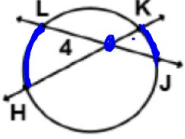
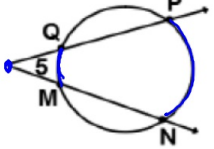
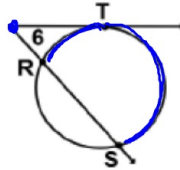
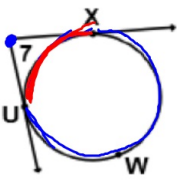


Chapter 12 Angle Measurement

Position of Vertex	Name or Description of Angle	Diagram	Measurement Formula
at center of circle	central angle		$m\angle 1 = m\widehat{AB}$
on the circle	inscribed angle		$m\angle 2 = \frac{1}{2}m\widehat{DE}$
	angle formed by tangent and secant		$m\angle 3 = \frac{1}{2}m\widehat{FG}$
inside circle	angle formed by intersecting secants or chords		$m\angle 4 = \frac{1}{2}(m\widehat{HL} + m\widehat{JK})$
outside circle	angle formed by 2 secants		$m\angle 5 = \frac{1}{2}(m\widehat{PN} - m\widehat{QM})$
	angle formed by tangent and secant		$m\angle 6 = \frac{1}{2}(m\widehat{TS} - m\widehat{RT})$
	angle formed by 2 tangents		$m\angle 7 = \frac{1}{2}(m\widehat{XU} - m\widehat{UW})$