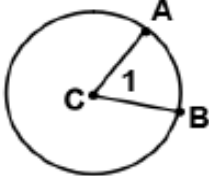
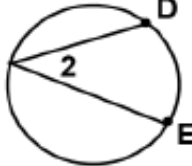
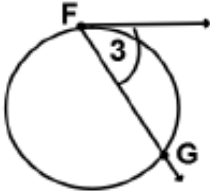
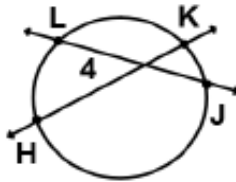
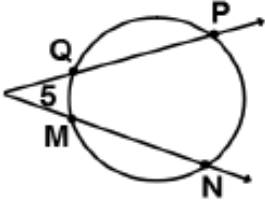
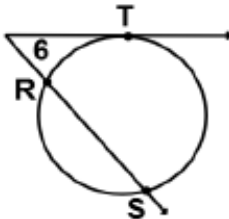
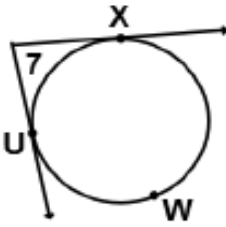
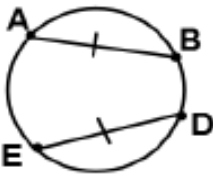
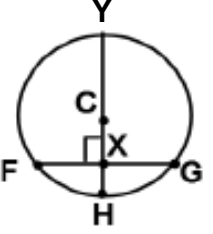
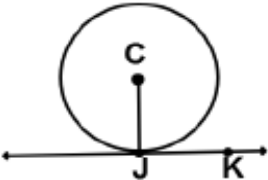
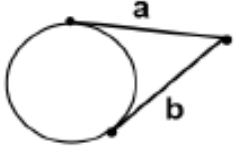
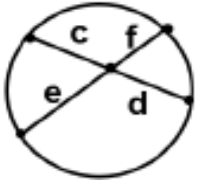
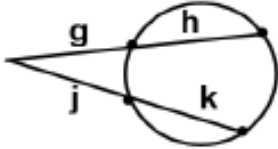


### Chapter 12 Angle Measurement

Position of Vertex	Name or Description of Angle	Diagram	Measurement Formula
at center of circle	central angle		
on the circle	inscribed angle		
	angle formed by tangent and secant		
inside circle	angle formed by intersecting secants or chords		
outside circle	angle formed by 2 secants		
	angle formed by tangent and secant		
	angle formed by 2 tangents		

### Chapter 12 Segments Related to Circles

Description	Diagram	Conclusions or Equations
2 congruent chords in same circle or in congruent circles		
diameter or radius perpendicular to a chord in circle $C$		
tangent and radius of circle $C$		
2 tangent segments from same exterior point		
2 chords intersecting in circle		
2 secant segments from exterior point		
tangent segment and secant segment from exterior point	