

# Ch 11 Segments & Angles on Circles

## I. 5 kinds of SEGMENTS

1. Radius



(center to curve)

2. Diameter



(across circle through center)

3. Chord



(anywhere across the circle → inside!)



diameter is a chord!

4. Secant



(goes across and through the circle)



5. Tangent



(touches circle in ONE SPOT)

## II. 4 angles

1. Central angle

→ vertex at center



2. Inscribed angle

→ vertex on curve



3. Interior

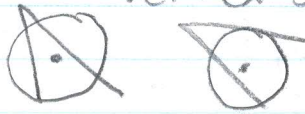
→ vertex inside

(not @ center or on curve)



4. Exterior

→ vertex outside



III. 3 arcs (part of curve)

Minor  
arc



smaller  
than half

major  
arc



bigger than  
half

Semi  
Circle



half