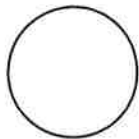
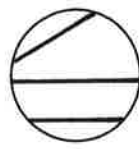

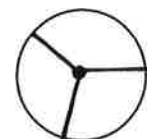

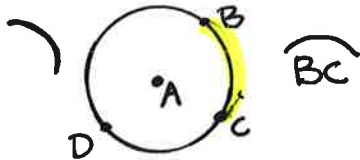
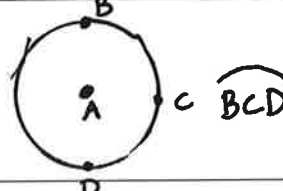
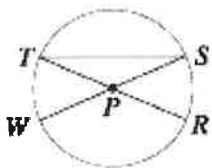


Lesson 7-8 Notes - Circles

Term	Definition	Example
Circle	The set of all points in a plane that are the same distance from a given point, called the center.	
Chord	A segment whose endpoints are on the circle. <i>* doesn't have to pass through center.</i>	
Diameter	A segment that passes through the center of the circle and has both endpoints on the circle.	
Radius	A segment that connects the center of the circle to the circle. <i>Note: A radius is half a diameter.</i>	
Central Angle	An angle with its vertex at the center of a circle. <i>Note: A central angle is formed by two radii.</i>	
Arc	A part of a circle.	
Semicircle	An arc that is half of the circumference (or outside) of a circle.	

(radii)

Name all the radii, diameters, chords and central angles shown in circle P.



Radii  $\overline{WP}$ ,  $\overline{PT}$ ,  $\overline{PS}$ ,  $\overline{PR}$  (4)

Diameter  $\overline{WS}$ ,  $\overline{TR}$  (2)

Chords  $\overline{TR}$ ,  $\overline{TS}$ ,  $\overline{WS}$  (3)

Central Angles  $\angle TPS$ ,  $\angle SPR$ ,  $\angle WPR$ ,  $\angle TPW$  (4)