

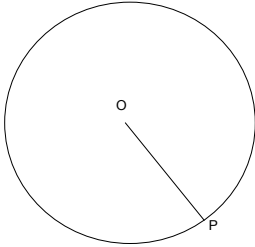
Go Vikings!!  
 Please pick up a ch7  
 notes packet from  
 the green chair  
 in front.  
 Joe  
 Taffy  
 was here!

Jan 4-10:28 AM

Circles  
 Lesson 7.1

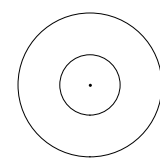
Oct 28-8:21 AM

Circle- The set of all points in a plane at a given distant from a point.  
 Radius- A segment from a point on a circle or sphere to the center.  
 (OP is a radius-plural of radius is radii)  
 Center- Center of circle is usually O.



Oct 28-8:21 AM

Congruent Circles- Circles with the same radius  
 Concentric Circles- Circles with the same center

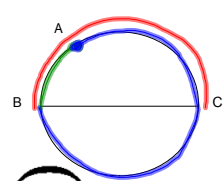


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- Arc of a circle- Two points on a circle and the continuous part of the circle between two points.
- Semicircle - An arc that makes up half of the circle.
- Minor arc - An arc that is smaller than a semicircle.
- Major arc - An arc that is larger than a semicircle.

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This is how we label arcs.



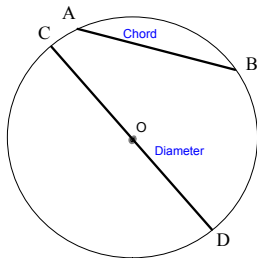
Minor arc  $\widehat{AB}$   
Notice it has two letters

Semicircle  $\widehat{BAC}$   
Notice it has three letters

Major arc  $\widehat{ACB}$   
Notice it has three letters

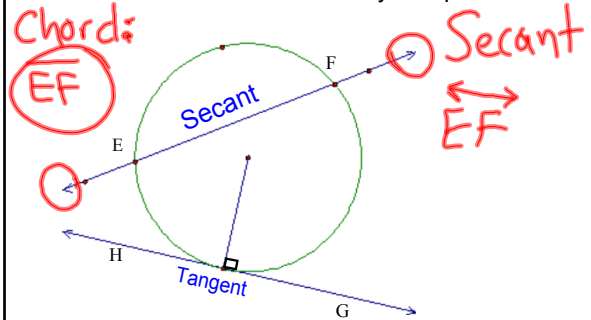
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- Chord of a circle- A line segment whose endpoints lie on a circle
- Diameter- A chord that passes through the center of a circle



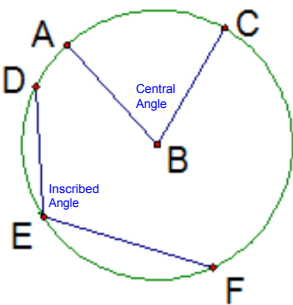
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- Secant - A line that contains a chord.
- Tangent - A line that lies in the plane of a circle and that intersects the circle at exactly one point.



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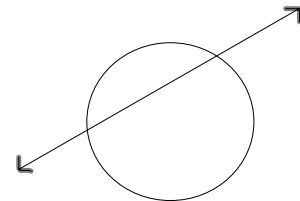
- Inscribed angle - An angle whose vertex lies on a circle and whose sides contain chords of the circle.
- Central angle - An angle whose vertex is the center of a circle and whose sides contain radii of the circle.



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What does this picture best describe?

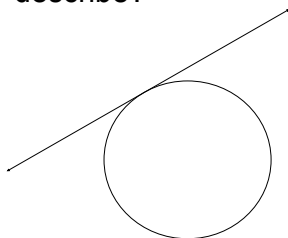
- A) Tangent
- B) Radius
- C) Secant
- D) Diameter
- E) Center
- F) Chord



Oct 28-8:21 AM

What does this picture best describe?

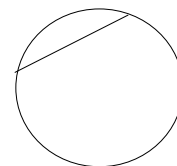
- A) Tangent
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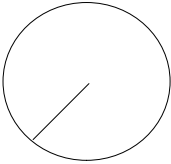
- A) Tangent
- B) Radius
- C) Secant
- D) Diameter
- E) Center
- F) Chord



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What does this picture best describe?

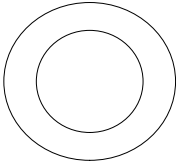
- A) Tangent
- **B) Radius**
- C) Secant
- D) Diameter
- E) Center
- F) Chord



Oct 28-8:21 AM

What does this picture best describe?

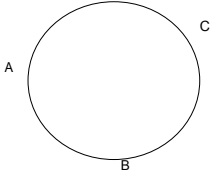
- **A) Concentric Circles**
- B) Congruent Circles
- C) Major arc
- D) Minor arc
- E) Semicircle
- F) Angles



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What is the term for  $\widehat{AB}$  ?

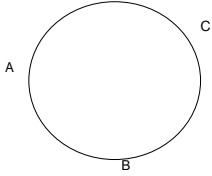
- A) Concentric Circles
- B) Congruent Circles
- C) Major arc
- **D) Minor arc**
- E) Semicircle
- F) Angles



Oct 28-8:21 AM

What is the term for  $\widehat{ACB}$  ?

- A) Concentric Circles
- B) Congruent Circles
- **C) Major arc**
- D) Minor arc
- E) Semicircle
- F) Angles



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Homework

7.1  
p.331  
#1-14, 24-26

Oct 29-1:31 PM