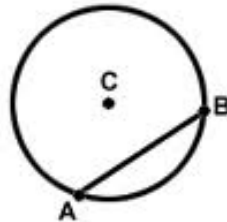


Skill: Parts of a Circle

Standard: 5.9 ~ The student will identify and describe the diameter, radius, chord, and circumference of a circle

Vocabulary:

- **Chord** - a line segment that passes from one edge of the circle to another edge of the circle

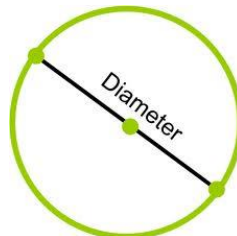


- **Circumference** - the distance around the outside of a circle

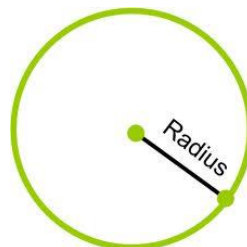


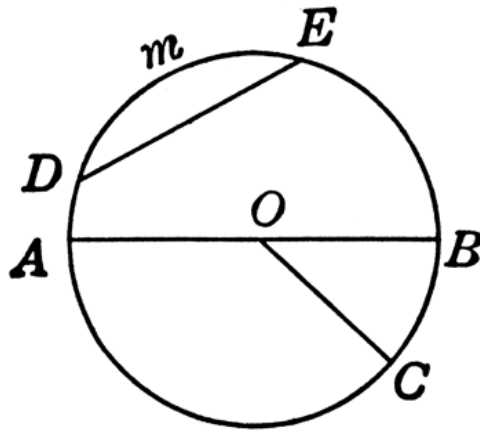
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- **Diameter** - a line segment with both endpoints on the edge of a circle that passes through the center of the circle



- **Radius** - a line segment that extends from the edge of a circle to its center





Examples of...

Chords

DE
AB

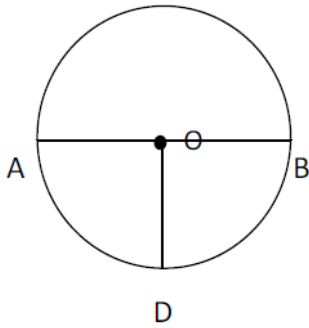
Diameter

AB

Radius

OA
OC
OB

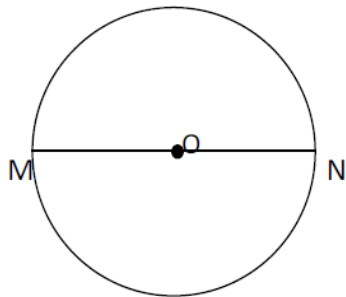
~~~~~  
Identify the center, radius, and diameter.



OD = \_\_\_\_\_

AB = \_\_\_\_\_

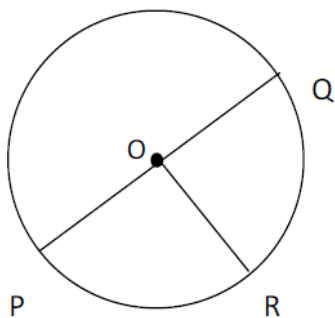
O = \_\_\_\_\_



Center = \_\_\_\_\_

Radius = \_\_\_\_\_ or \_\_\_\_\_

Diameter = \_\_\_\_\_

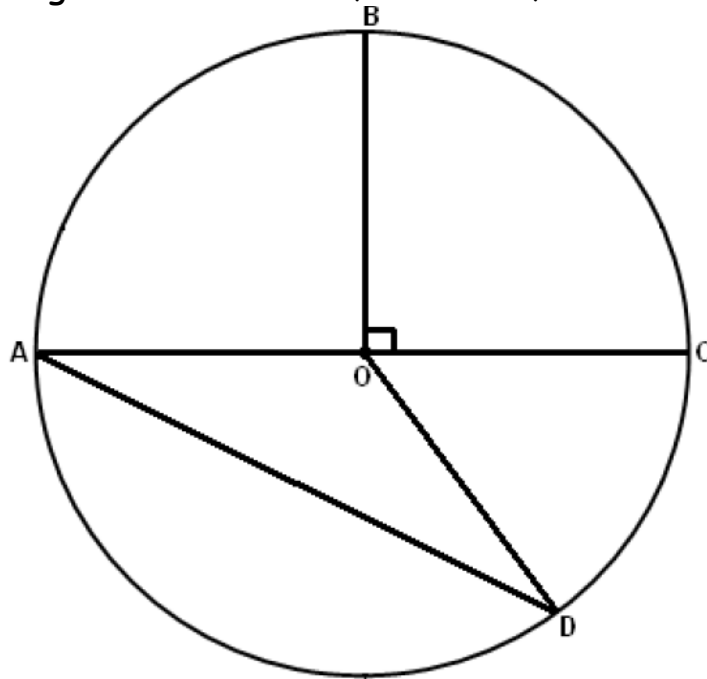


Center = \_\_\_\_\_

Radius = \_\_\_\_\_ or \_\_\_\_\_ or \_\_\_\_\_

Diameter = \_\_\_\_\_

Name each line segment as a radius, diameter, or chord



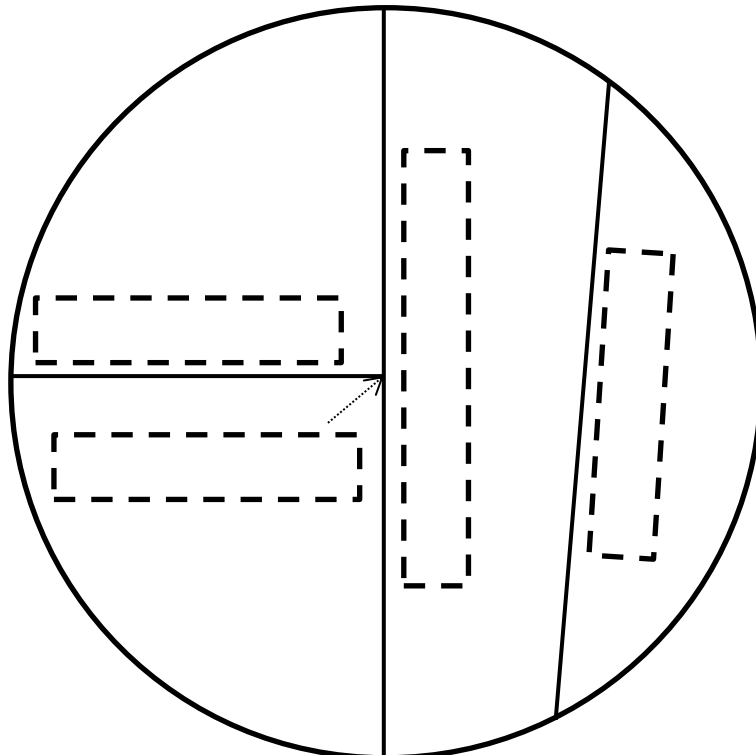
AC = \_\_\_\_\_ = \_\_\_\_\_

AD = \_\_\_\_\_      OC = \_\_\_\_\_

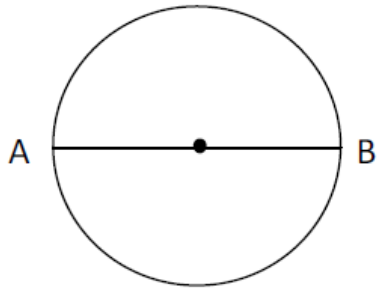
OB = \_\_\_\_\_      DO = \_\_\_\_\_

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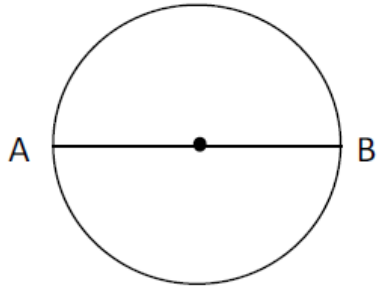
Label the parts of the circle: *Center, Chord, Diameter, Radius*



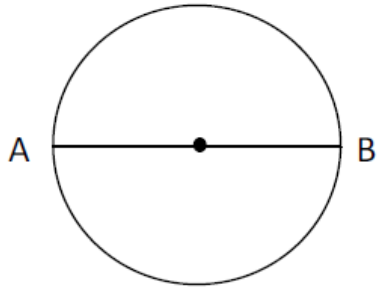
Find diameter of the Circles



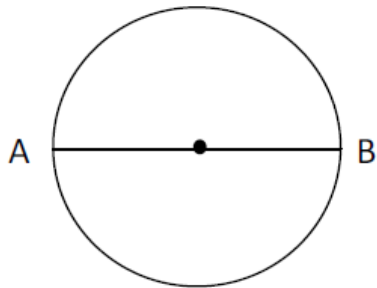
Radius= 5 m
Diameter= _____



Radius= 11 cm
Diameter= _____

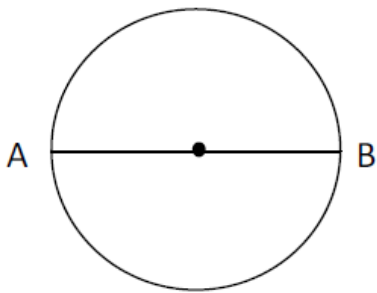


Radius= 6.3 m
Diameter= _____

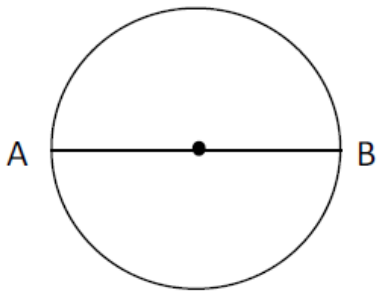


Radius= 4.9 cm
Diameter= _____

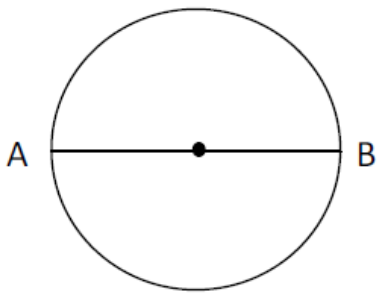
Find Radius of the Circles



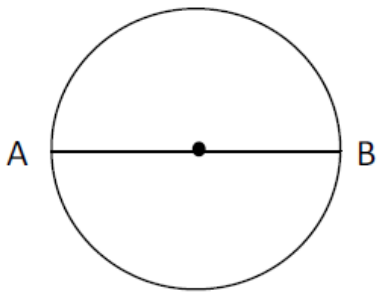
Diameter = 12 cm
Radius = _____



Diameter = 18 m
Radius = _____



Diameter = 9 m
Radius = _____



Diameter = 3.4 cm
Radius = _____