



Name \_\_\_\_\_ Class \_\_\_\_\_ Date \_\_\_\_\_

1 In the circle shown, what is the **diameter**?

A  $\overline{AD}$   
 B  $\overline{BO}$   
 C  $\overline{OC}$   
 D  $\overline{AC}$

2 In a circle, the central angle is made up of two radii, and the vertex is the center of the circle.

A true  
 B false

3 In the circle shown, which angle is **not a central angle**?

A  $\angle BOC$   
 B  $\angle DAC$   
 C  $\angle AOB$   
 D  $\angle AOC$

4 A **chord** is a line segment that has two endpoints on the circle.

A true  
 B false

5

**PREVIEW**

Please [Sign In](#) or [Sign Up](#) to download the printable version of this worksheet

7

B 6 in.  
 C 12 in.  
 D 24 in.

9 A diameter is said to be two times the radius. If the radius is 26 inches, what is the **diameter**?

A 52 in.  
 B 42 in.  
 C 26 in.  
 D 13 in.

B 16 cm  
 C 32 cm  
 D 64 cm

10 A radius is one half of the diameter. If the diameter is 30 inches, how long is the **radius**?

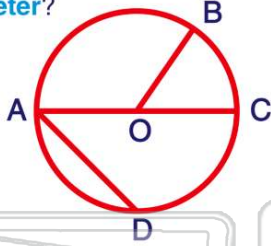
A 10 in.  
 B 15 in.  
 C 30 in.  
 D 60 in.



## ANSWER KEY

In the circle shown, what is the **diameter**?

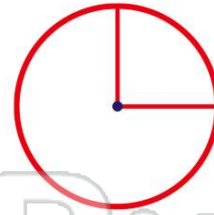
- A  $\overline{AD}$
- B  $\overline{BO}$
- C  $\overline{OC}$
- D  $\overline{AC}$



(d)

In a circle, the central angle is made up of two radii, and the vertex is the center of the circle.

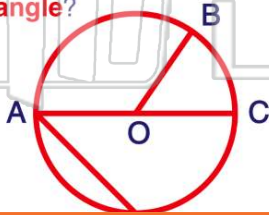
- A true
- B false



(a)

In the circle shown, which angle is **not a central angle**?

- A  $\angle BOC$
- B  $\angle DAC$
- C  $\angle AOB$
- D  $\angle AOC$



(b)

A **chord** is a line segment that has two endpoints on the circle.

- A true
- B false



(a)



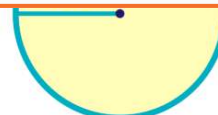
## PREVIEW

Please [Sign In](#) or [Sign Up](#) to download the printable version of this worksheet

- C 12 in.
- D 24 in.

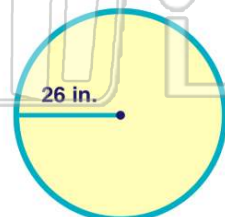


- C 32 cm
- D 64 cm



A diameter is said to be two times the radius. If the radius is 26 inches, what is the **diameter**?

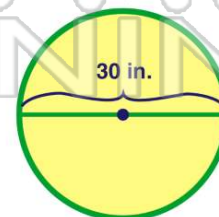
- A 52 in.
- B 42 in.
- C 26 in.
- D 13 in.



(a)

A radius is one half of the diameter. If the diameter is 30 inches, how long is the **radius**?

- A 10 in.
- B 15 in.
- C 30 in.
- D 60 in.



(b)