

## Area and Circumference of Circles 3 ways

Find the circumference or area of each circle. When using 3.14 or  $\pi$  round your answer to the nearest tenth.

1) Find the circumference of the circle with a :

$$\text{radius} = 10.3 \text{ cm}$$

$$\text{Exact: } \underline{\hspace{2cm}}$$

$$\pi: \underline{\hspace{2cm}}$$

$$3.14: \underline{\hspace{2cm}}$$

2) Find the area of the circle with a :

$$\text{radius} = 12 \text{ mi}$$

$$\text{Exact: } \underline{\hspace{2cm}}$$

$$\pi: \underline{\hspace{2cm}}$$

$$3.14: \underline{\hspace{2cm}}$$

3) Find the circumference of the circle with a :

$$\text{diameter} = 6 \text{ cm}$$

$$\text{Exact: } \underline{\hspace{2cm}}$$

$$\pi: \underline{\hspace{2cm}}$$

$$3.14: \underline{\hspace{2cm}}$$

4) Find the area of the circle with a :

$$\text{diameter} = 23.4 \text{ in}$$

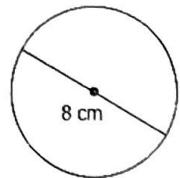
$$\text{Exact: } \underline{\hspace{2cm}}$$

$$\pi: \underline{\hspace{2cm}}$$

$$3.14: \underline{\hspace{2cm}}$$

Find the circumference or area of each circle. When using 3.14 or  $\pi$  round your answer to the nearest tenth.

9. Find the circumference

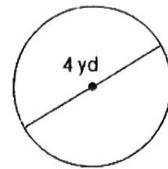


Exact: \_\_\_\_\_

$\pi$ : \_\_\_\_\_

3.14: \_\_\_\_\_

10. Find the circumference

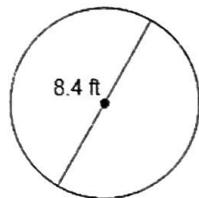


Exact: \_\_\_\_\_

$\pi$ : \_\_\_\_\_

3.14: \_\_\_\_\_

11. Find the area

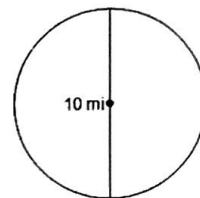


Exact: \_\_\_\_\_

$\pi$ : \_\_\_\_\_

3.14: \_\_\_\_\_

12. Find the area

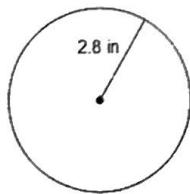


Exact: \_\_\_\_\_

$\pi$ : \_\_\_\_\_

3.14: \_\_\_\_\_

13. Find the circumference

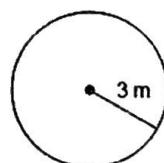


Exact: \_\_\_\_\_

$\pi$ : \_\_\_\_\_

3.14: \_\_\_\_\_

14. Find the area



Exact: \_\_\_\_\_

$\pi$ : \_\_\_\_\_

3.14: \_\_\_\_\_