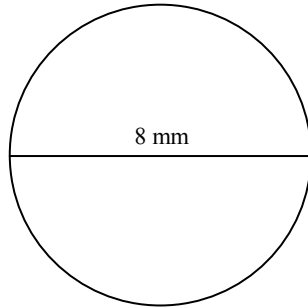


CA Grade 6 Standard 6.MG 1.1

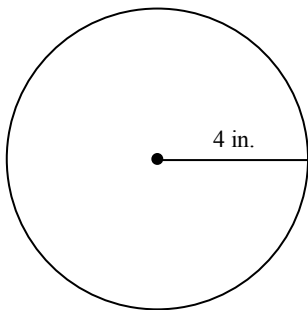
MULTIPLE CHOICE

- A circular fountain has a diameter of 6 feet. Which expression can be used to find the circumference of the fountain?
 - $C = 6^2 \times \pi$
 - $C = 3 \times \pi$
 - $C = 3^2 \times \pi$
 - $C = 6 \times \pi$
- The diameter of a dime is 18 millimeters. What is its approximate area? Use 3.14 for π .
 - 28.26 mm²
 - 56.52 mm²
 - 254.34 mm²
 - 1,017.36 mm²
- Patricia received gold hoop earrings for her birthday. Each earring is worth \$1.10 per millimeter of length. The diameter of one earring is 25 millimeters. How much is the earring worth? Use 3.14 for π .
 - \$27.50
 - \$86.35
 - \$110
 - \$687.50
- The floor fan in Marcel's office is circular with a diameter of 20 inches. There are four fan blades that take up half of the fan's opening area. How much of the opening area is *not* covered by the fan's blades? Use 3.14 for π .
 - 62.8 in²
 - 94 in²
 - 157 in²
 - 628.3 in²
- The formula for the circumference of a circle is $C = \pi d$. Which formula below has the same meaning?
 - $C = 2\pi r$
 - $C = \pi r^2$
 - $C = 2(\pi + r)$
 - $C = \pi^2 r$

6. What is the approximate area of the circle below? Use 3.14 for π .



- A. 12.56 mm^2 C. 50.24 mm^2
B. 25.12 mm^2 D. 200.96 mm^2
7. A circle has a circumference of 78.5 centimeters. What is the approximate length of the diameter of the circle?
- A. 12.5 centimeters C. 39.25 centimeters
B. 25 centimeters D. 56.5 centimeters
8. Quincy is going to buy a dartboard with diameter 18 inches. What is the approximate area of the dartboard? Use 3.14 for π .
- A. 56.52 in^2 C. 127.17 in^2
B. 113.04 in^2 D. 254.34 in^2
9. What is the circumference of the circle below? Use 3.14 for π .



- A. 25.12 in. C. 100.48 in.
B. 50.24 in. D. 200.96 in.

