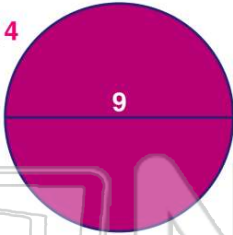




Name \_\_\_\_\_ Class \_\_\_\_\_ Date \_\_\_\_\_

1 What is the **circumference** of a circle with a diameter of **9**?

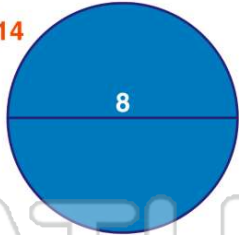
$C = \pi \times d$      $\pi = 3.14$



**A**  $9 \times \pi = 28.26$   
**B**  $9\pi = 27$   
**C**  $9 \times 9 = 81$   
**D**  $\pi + 9 = C$

2 If the diameter of a circle is **8**, what is the **circumference**?

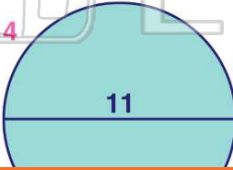
$C = \pi \times d$      $\pi = 3.14$



**A** 64  
**B** 27.35  
**C** 25.12  
**D** 16.50

3 If the diameter of a circle is **11**, what is the **circumference**?

$C = \pi \times d$      $\pi = 3.14$



**A** 22  
**B** 34.54  
**C** 33  
**D** 3.14

4 A rectangle which is **5** inches wide and **4** inches tall has an area of **20** square inches. What is the **area** of a rectangle **6** inches wide and **7** inches tall?

$A = bh$

**A** 67 square inches  
**B** 13 square inches  
**C** 42 square inches  
**D** 42 square inches

5

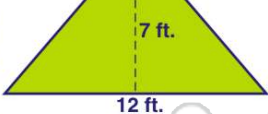


**PREVIEW**


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6

**A** 84 square feet  
**B** 36 square feet  
**C** 72 square feet  
**D** 42 square feet

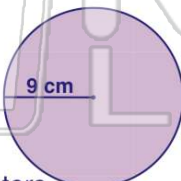


**A** 25 square centimeters  
**B** 78.5 square centimeters  
**C** 314 square centimeters  
**D** 15.7 square centimeters



9 What is the **area** of a circle with a radius of **9** centimeters?

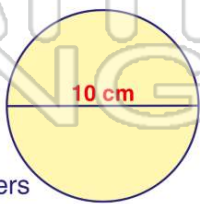
$A = \pi r^2$      $\pi = 3.14$



**A** 254.34 square centimeters  
**B** 28.26 square centimeters  
**C** 270.14 square centimeters  
**D** 250.14 square centimeters

10 What is the **area** of a circle with a diameter of **10** centimeters?

$A = \pi r^2$      $\pi = 3.14$



**A** 314 square centimeters  
**B** 78.5 square centimeters  
**C** 15.7 square centimeters  
**D** 85.5 square centimeters

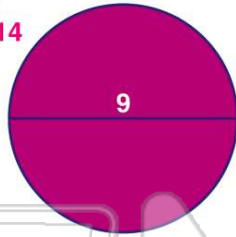


## ANSWER KEY

What is the **circumference** of a circle with a diameter of **9**?

$C = \pi \times d$      $\pi = 3.14$

- A**  $9 \times \pi = 28.26$
- B**  $9\pi = 27$
- C**  $9 \times 9 = 81$
- D**  $\pi + 9 = C$

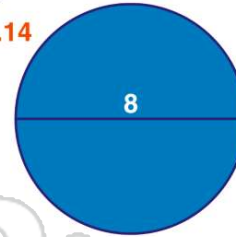


(a)

If the diameter of a circle is **8**, what is the **circumference**?

$C = \pi \times d$      $\pi = 3.14$

- A** 64
- B** 27.35
- C** 25.12
- D** 16.50

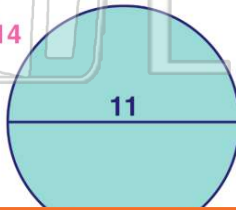


(c)

If the diameter of a circle is **11**, what is the **circumference**?

$C = \pi \times d$      $\pi = 3.14$

- A** 22
- B** 34.54
- C** 33
- D** 31.40



(b)

A rectangle which is **5** inches wide and **4** inches tall has an area of **20** square inches. What is the **area** of a rectangle **6** inches wide and **7** inches tall?

$A = bh$

- A** 67 square inches
- B** 13 square inches
- C** 45 square inches

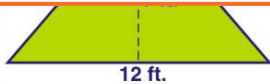
(d)



## PREVIEW

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- B** 36 square feet
- C** 72 square feet
- D** 42 square feet

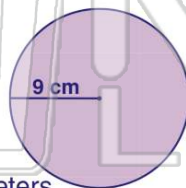


- A** 25 square centimeters
- B** 78.5 square centimeters
- C** 314 square centimeters
- D** 15.7 square centimeters

What is the **area** of a circle with a radius of **9** centimeters?

$A = \pi r^2$      $\pi = 3.14$

- A** 254.34 square centimeters
- B** 28.26 square centimeters
- C** 270.14 square centimeters
- D** 250.14 square centimeters

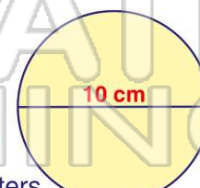


(a)

What is the **area** of a circle with a diameter of **10** centimeters?

$A = \pi r^2$      $\pi = 3.14$

- A** 314 square centimeters
- B** 78.5 square centimeters
- C** 15.7 square centimeters
- D** 85.5 square centimeters



(b)