

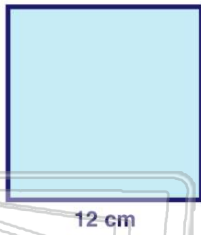


Name _____ Class _____ Date _____

1 The **area** of this square is _____ cm².

$$A = s^2$$

- A 24
- B 111
- C 144
- D 212



3 What is the **area** of the following trapezoid?

$$A = \frac{1}{2} h (b_1 + b_2)$$

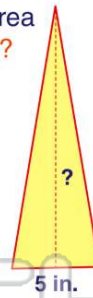
- A 18 cm²
- B 28 cm²
- C 32 cm²



2 The triangle shown has an area of 40 in². **What is the height?**

$$A = \frac{1}{2} \cdot b \cdot h$$

- A 4 in.
- B 8 in.
- C 16 in.
- D 20 in.



4 The area of the parallelogram is 98 cm² and the height is 14 cm. **What is the size of the base?**

$$A = b \cdot h$$

- A 5 cm
- B 6 cm



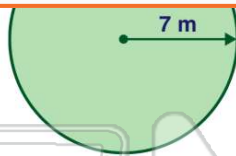
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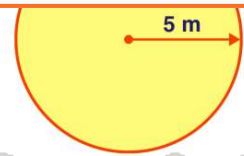
PREVIEW

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- B 131.88 m²
- C 43.96 m²
- D 21.98 m²



- B 31.4 m²
- C 75 m²
- D 78.5 m²



9 A circular pool has a radius of 4 feet. **What is the area of the pool?**

$$A = \pi \cdot r^2 \quad \pi = 3.14$$

- A 12.56 ft²
- B 25.12 ft²
- C 37.68 ft²
- D 50.24 ft²



10 A circular road sign has a radius of 6 inches. **What is the area of the sign?**

$$A = \pi \cdot r^2 \quad \pi = 3.14$$

- A 43.96 in.²
- B 113.04 in.²
- C 131.88 in.²
- D 200.96 in.²



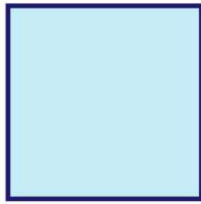


ANSWER KEY

The **area** of this square is _____ cm².

$$A = s^2$$

- A 24
- B 111
- C 144
- D 212

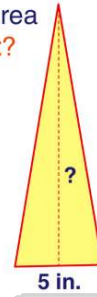


(C)

The triangle shown has an area of 40 in². **What is the height?**

$$A = \frac{1}{2} \cdot b \cdot h$$

- A 4 in.
- B 8 in.
- C 16 in.
- D 20 in.



(C)

What is the **area** of the following trapezoid?

$$A = \frac{1}{2} h (b_1 + b_2)$$

- A 18 cm²
- B 28 cm²
- C 32 cm²
- D 48 cm²



(b)

The area of the parallelogram is 98 cm² and the height is 14 cm.

What is the size of the base?

$$A = b \cdot h$$

- A 5 cm
- B 6 cm
- C 7 cm



(C)



PREVIEW

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- C 43.96 m²
- D 21.98 m²

- C 75 m²
- D 78.5 m²

A circular pool has a radius of 4 feet. **What is the area of the pool?**

$$A = \pi \cdot r^2 \quad \pi = 3.14$$

- A 12.56 ft²
- B 25.12 ft²
- C 37.68 ft²
- D 50.24 ft²



(d)

A circular road sign has a radius of 6 inches. **What is the area of the sign?**

$$A = \pi \cdot r^2 \quad \pi = 3.14$$

- A 43.96 in.²
- B 113.04 in.²
- C 131.88 in.²
- D 200.96 in.²



(b)