

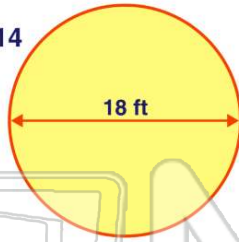


Name _____ Class _____ Date _____

- 1 If a circle has a **diameter of 18 feet**, what is the **area**?

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

- A 28.26 ft²
- B 56.52 ft²
- C 254.34 ft²
- D 1,017.36 ft²



- 2 Carly's bedroom is 9 ft. by 8 ft. What is the **area** of Carly's floor?

$$A = \ell \cdot w$$

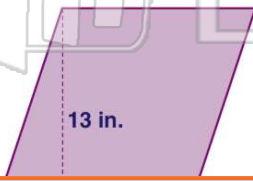
- A 17 ft²
- B 36 ft²
- C 72 ft²
- D 98 ft²



- 3 Find the **area** of this parallelogram.

$$A = b \cdot h$$

- A 98 in.²
- B 121 in.²
- C 144 in.²
- D 156 in.²



- 4 Tom has a square poster with an area of 196 square inches. How long is **each side** of the poster?

$$A = s^2$$

- A 12 in.
- B 14 in.

5



PREVIEW

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7

- A 6 in.
- B 12 in.
- C 18 in.
- D 36 in.



$$A = \ell \cdot w$$

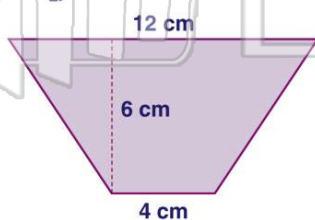
- A 14 ft
- B 16 ft
- C 18 ft
- D 20 ft



- 9 What is the **area** of this trapezoid?

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

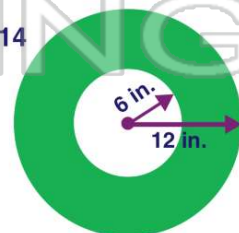
- A 22 cm²
- B 24 cm²
- C 48 cm²
- D 64 cm²



- 10 Calculate the **area of the shaded part** of this figure.

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

- A 144 in.²
- B 234.78 in.²
- C 293.16 in.²
- D 339.12 in.²



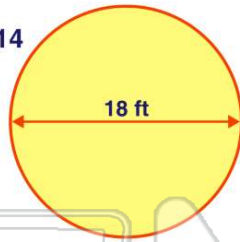


ANSWER KEY

If a circle has a **diameter of 18 feet**, what is the **area**?

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

- A 28.26 ft²
- B 56.52 ft²
- C 254.34 ft²
- D 1,017.36 ft²



(C)

Carly's bedroom is 9 ft. by 8 ft. What is the **area** of Carly's floor?

$$A = \ell \cdot w$$

- A 17 ft²
- B 36 ft²
- C 72 ft²
- D 98 ft²

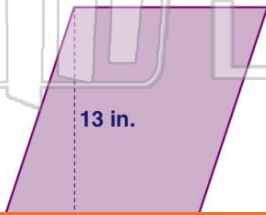


(C)

Find the **area** of this parallelogram.

$$A = b \cdot h$$

- A 98 in.²
- B 121 in.²
- C 144 in.²
- D 156 in.²



(d)

Tom has a square poster with an area of 196 square inches. How long is **each side** of the poster?

$$A = s^2$$

- A 12 in.
- B 14 in.
- C 16 in.

(b)



PREVIEW

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- A 6 in.
- B 12 in.
- C 18 in.
- D 36 in.

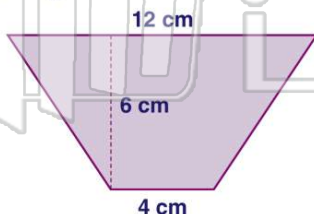


- A 14 ft
- B 16 ft
- C 18 ft
- D 20 ft

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

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

- A 22 cm²
- B 24 cm²
- C 48 cm²
- D 64 cm²

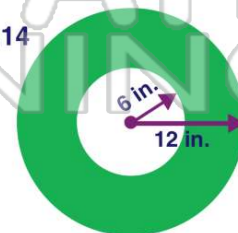


(C)

Calculate the **area of the shaded part** of this figure.

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

- A 144 in.²
- B 234.78 in.²
- C 293.16 in.²
- D 339.12 in.²



(d)