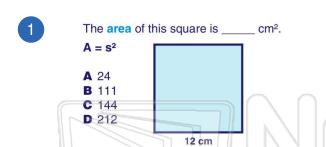


Area



Class Name Date



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.



What is the area of the following 3

A 18 cm²

 $A = \frac{1}{2}h(b_1 + b_2)$ 6 cm

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

 $A = b \cdot h$



PREVIEW

7

5

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🖪 131.88 m C 43.96 m² D 21.98 m²

- **5** 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?

 $A = \pi \cdot r^2$

- 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?

 $A = \pi \cdot r^2$

A 43.96 in.2

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





Area



Class Name Date The triangle shown has an area The area of this square is ____ cm2. of 40 in2. What is the height? $A = S^2$ $A = \frac{1}{2} \cdot b \cdot h$ A 24 **(C)** (C)**A** 4 in. **B** 111 B 8 in. C 144 C 16 in. D 212 D 20 in. 12 cm The area of the parallelogram is 98 cm² What is the area of the following 3 and the height is 14 cm. trapezoid? What is the size of the base? $A = \frac{1}{2}h(b_1 + b_2)$ 6 cm $A = b \cdot h$ (\mathbf{C}) A 18 cm² 5 (D)**PREVIEW** Please Sign In or Sign Up to download 7 the printable version of this worksheet (D)**5** 31.4 m² 🖪 131.88 m C 75 m² C 43.96 m² D 78.5 m² D 21.98 m² A circular road sign has a radius of 6 9 10 A circular pool has a radius of 4 feet. inches. What is the area of the sign? What is the area of the pool? $A = \pi \cdot r^2$ $\pi = 3.14$ $A = \pi \cdot r^2$ (B) D A 43.96 in.2 A 12.56 ft² B 113.04 in.2 B 25.12 ft² C 131.88 in.2 C 37.68 ft² D 200.96 in.2 D 50.24 ft²