

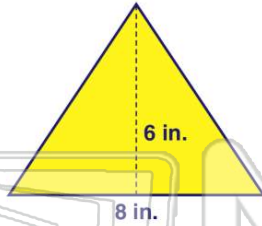


Name _____ Class _____ Date _____

- 1 If a triangle has a **base of 8 inches** and a **height of 6 inches**, what is the **area** of the triangle?

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

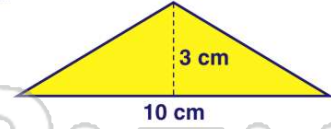
- A 48 in.²
- B 24 in.²
- C 16 in.²
- D 36 in.²



- 2 If a triangle has a **base of 10 centimeters** and a **height of 3 centimeters**, what is the **area** of the triangle?

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

- A 60 cm²
- B 30 cm²
- C 15 cm²
- D 23 cm²



- 3 If a triangle has a **base of 12 inches** and a **height of 7 inches**, what is the **area** of the triangle?

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

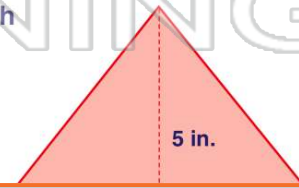
- A 54 in.²
- B 84 in.²



- 4 Find the **area** of the triangle shown.

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

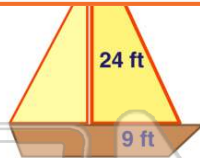
- A 20 in.²
- B 40 in.²
- C 25 in.²
- D 80 in.²



PREVIEW

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- 7
- A 72 ft²
 - B 216 ft²
 - C 96 ft²
 - D 108 ft²



- A 164 in.²
- B 288 in.²
- C 364 in.²
- D 492 in.²



- 9 The area of a triangle is 64 cm². If the height is 16 cm, **what is the base?**

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

- A 2 cm
- B 8 cm
- C 9 cm
- D 512 cm

- 10 The area of a triangular road sign is 24 ft². If the base is 6 feet, **what is the height?**

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

- A 2 ft
- B 6 ft
- C 8 ft
- D 9 ft



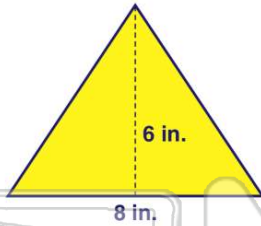


ANSWER KEY

If a triangle has a **base of 8 inches** and a **height of 6 inches**, what is the **area** of the triangle?

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

- A 48 in.²
- B 24 in.²
- C 16 in.²
- D 36 in.²

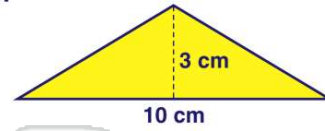


(b)

If a triangle has a **base of 10 centimeters** and a **height of 3 centimeters**, what is the **area** of the triangle?

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

- A 60 cm²
- B 30 cm²
- C 15 cm²
- D 23 cm²



(c)

If a triangle has a **base of 12 inches** and a **height of 7 inches**, what is the **area** of the triangle?

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

- A 54 in.²
- B 84 in.²
- C 36 in.²

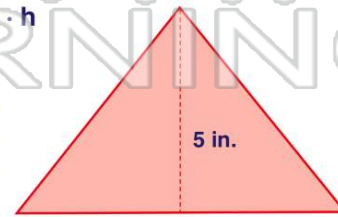


(d)

Find the **area** of the triangle shown.

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

- A 20 in.²
- B 40 in.²
- C 25 in.²
- D 80 in.²



(a)

A
h
V
A
A
E
C
D



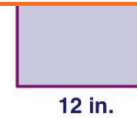
PREVIEW

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- A 72 ft²
- B 216 ft²
- C 96 ft²
- D 108 ft²







- B 288 in.²
- C 364 in.²
- D 492 in.²



The area of a triangle is 64 cm². If the height is 16 cm, **what is the base**?

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

- A  2 cm
- B  8 cm
- C  9 cm
- D  512 cm

(b)

The area of a triangular road sign is 24 ft². If the base is 6 feet, **what is the height**?

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

- A 2 ft
- B 6 ft
- C 8 ft
- D 9 ft



(c)