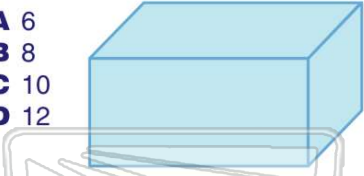




Name _____ Class _____ Date _____

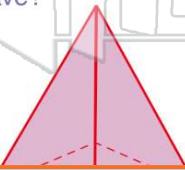
1 How many **edges** does the rectangular prism shown have?

- A 6
- B 8
- C 10
- D 12



3 How many **faces** does the figure shown have?

- A 3
- B 4
- C 5
- D 6



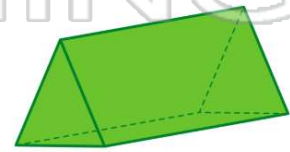
2 What **shape** is the **base** of the figure shown?

- A triangle
- B circle
- C square
- D rectangle



4 What is the **name** for the **triangular prism** shown?

- A pentahedron
- B tetrahedron
- C hexahedron
- D octahedron



PREVIEW

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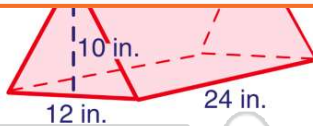
7

A

B 720 in.³

C 1,440 in.³

D 2,880 in.³



- A 308 cm³
- B 343 cm³
- C 484 cm³
- D 593 cm³

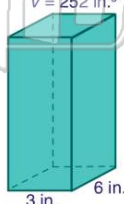


9 If the **volume** of the rectangular prism shown is **252 in.³**, what is the **height**?

$$V = \ell \times w \times h$$

$$V = 252 \text{ in.}^3$$

- A 10.5 in.
- B 12.5 in.
- C 14 in.
- D 28 in.

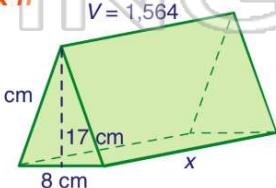


10 The **volume** of the triangular prism shown is **1,564 cm³**. What is the **width**?

$$V = \left(\frac{1}{2}\right) \times \ell \times w \times h$$

$$V = 1,564$$

- A 11 cm
- B 15.5 cm
- C 22 cm
- D 23 cm





ANSWER KEY

How many **edges** does the rectangular prism shown have?

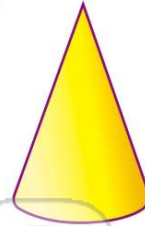
- A 6
- B 8
- C 10
- D 12



(d)

What **shape** is the **base** of the figure shown?

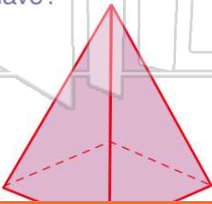
- A triangle
- B circle
- C square
- D rectangle



(b)

How many **faces** does the figure shown have?

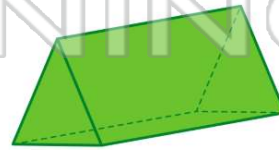
- A 3
- B 4
- C 5
- D 6



(c)

What is the **name** for the **triangular prism** shown?

- A pentahedron
- B tetrahedron
- C hexahedron
- D octahedron



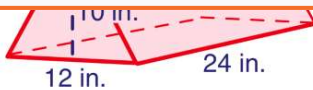
(a)



PREVIEW

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- C 1,440 in.³
- D 2,880 in.³



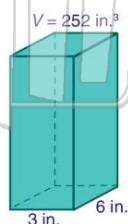
- A 308 cm³
- B 343 cm³
- C 484 cm³
- D 593 cm³



If the **volume** of the rectangular prism shown is **252 in.³**, what is the **height**?

$$V = \ell \times w \times h$$

- A 10.5 in.
- B 12.5 in.
- C 14 in.
- D 28 in.

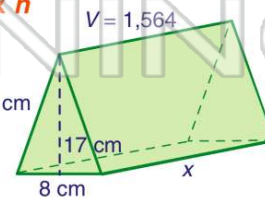


(c)

The **volume** of the triangular prism shown is **1,564 cm³**. What is the **width**?

$$V = \left(\frac{1}{2}\right) \times \ell \times w \times h$$

- A 11 cm
- B 15.5 cm
- C 22 cm
- D 23 cm



(d)