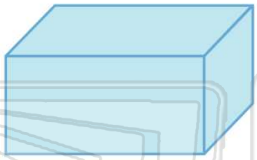
Finding Volume

Math

Name_____ Class_____ Date_____

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

A 6
B 8
C 10
D 12

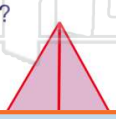


2 What shape is the **base** of the figure shown?

A triangle
B circle
C square
D rectangle

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

A 3
B 4



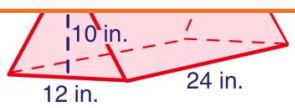
4 What is the name for the **triangular prism** shown?

A pentahedron
B tetrahedron

5

7

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**?

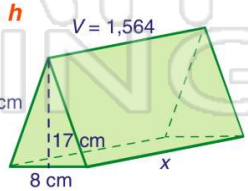
$V = \ell \times w \times h$

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**?

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

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



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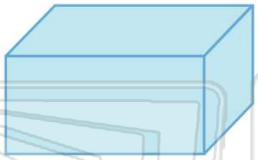

D

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

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C square
D rectangle

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

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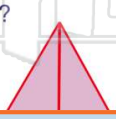
B 4



C

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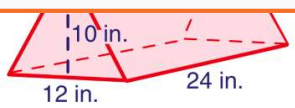

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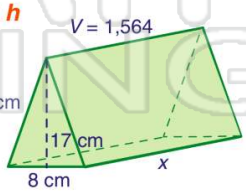

D