



Name _____ Class _____ Date _____

1 A rectangular prism has a length of 7 cm, a width of 4 cm, and a height of 2 cm. What is the **volume** of the prism?

$V = \ell \cdot w \cdot h$

A 14 cm³
 B 28 cm³
 C 46 cm³
 D 56 cm³

2 Each small cube has a volume of 1 cm³. What is the **volume** of the block shown?

$V = \ell \cdot w \cdot h$

A 10 cm³
 B 7 cm³
 C 5 cm³
 D 2 cm³

3 A juice box is 11 cm tall, 5 cm long, and 4 cm wide. What is the **volume** of the juice box?

4 A book has a length of 10 inches, a width of 8 inches, and a height of 2 inches. What is the **volume** of the book?

PREVIEW

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7 $V = \ell \cdot w \cdot h$

A 17 cm³
 B 43 cm³
 C 70 cm³
 D 120 cm³

volume of the shoe box?

$V = \ell \cdot w \cdot h$

A 26 in.³
 B 117 in.³
 C 468 in.³
 D 585 in.³

9 Each small cube has a volume of 1 cm³. The **volume** of the block shown is 30 cm³.

$V = \ell \cdot w \cdot h$

A true
 B false

10 What is the **volume** of the rectangular prism shown?

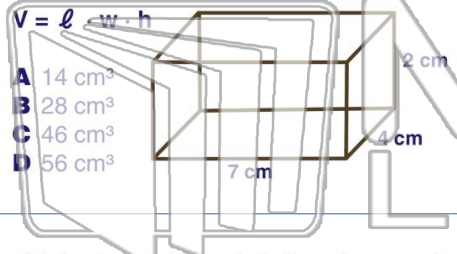
$V = \ell \cdot w \cdot h$

A 175 cm³
 B 200 cm³
 C 225 cm³
 D 400 cm³



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PREVIEW

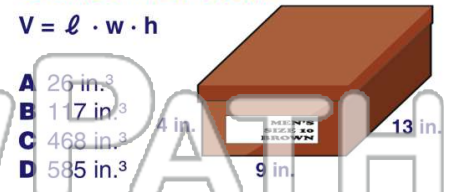
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7



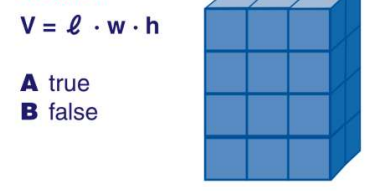
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8 **volume** of the shoe box?



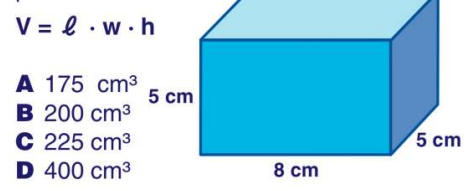
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