

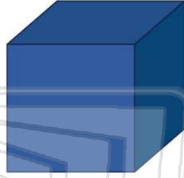


Name \_\_\_\_\_ Class \_\_\_\_\_ Date \_\_\_\_\_

1 What is the **volume** of a cube if the length of one side is 8 inches?

$$V = s^3$$

- A 38
- B  $3 \cdot 8$
- C  $8^3$
- D  $8^2$



2 The expression  $5 \cdot 5 \cdot 5 \cdot 3 \cdot 3$  can be re-written as \_\_\_\_\_.

- A  $5^3 \cdot 3^2$
- B  $15 \cdot 9$
- C  $3^5 \cdot 2^3$
- D  $15 \cdot 6$

3 A box has a length of 3 inches, width of 3 inches, and a height of 3 inches. The **volume** can be expressed as  $3^3$ .

$$V = s^3$$



4 Complete the expression.

$$8^2 \cdot 2^6$$

A >

5



## PREVIEW

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7

- B 12
- C 17
- D 16

- A 12 m
- B 13 m
- C 72 m
- D 36 m



9 Complete the expression.

$$8^2 + 4^3 = \square$$

- A 28
- B 128
- C 145
- D 76

10 Evaluate the expression.

$$(16 - 6)^2 - (4 + 2)^2$$

- A 16
- B 8
- C 81
- D 64

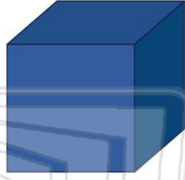


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(D)

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