

Name : \_\_\_\_\_

## Volume - Cube

Sheet 1

Find the side length of each cube. Round your answer to the nearest tenth.

1) Volume =  $512 \text{ in}^3$

2) Volume =  $6,738 \text{ ft}^3$

3) Volume =  $125 \text{ yd}^3$

side length = \_\_\_\_\_

side length = \_\_\_\_\_

4) Volume =  $2,197 \text{ ft}^3$

Volume =  $3,873 \text{ in}^3$

side length = \_\_\_\_\_

side length = \_\_\_\_\_

7) A cubical sandbox has a volume of  $1,000 \text{ ft}^3$ .  
What is the side length of the sandbox?

What is the side length of the

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8) What is the side length of a cubical perfume bottle whose volume is 15 cubic inches? Round your answer to the nearest tenth.

Name : \_\_\_\_\_

## Answer key

### Volume - Cube

Sheet 1

Find the side length of each cube. Round your answer to the nearest tenth.

1) Volume =  $512 \text{ in}^3$

2) Volume =  $6,738 \text{ ft}^3$

3) Volume =  $125 \text{ yd}^3$

side length = 8 in

side length = 5 yd

4) Volume =  $2,197 \text{ ft}^3$

Volume =  $3,873 \text{ in}^3$

side length = 13

side length = 15.7 in

7) A cubical sandbox has a volume of  $1,250 \text{ in}^3$ . What is the side length of the sandbox?

What is the side length of the

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8) What is the side length of a cubical perfume bottle whose volume is 15 cubic inches? Round your answer to the nearest tenth.

2.5 inches