

Name : _____

Volume - Cube

Sheet 2

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

1) Volume = $1,456 \text{ ft}^3$

2) Volume = 64 yd^3

3) Volume = $7,410 \text{ in}^3$

side length = _____

side length = _____

4) Volume = 355 yd^3

Volume = 8 ft^3

side length = _____

side length = _____

7) Daniel's multi-color
length of the lunch

inches. Find the side

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8) A cubical container has a volume of 91 cubic inches. What is the length of each side of the container? Round your answer to the nearest tenth.

Name : _____

Answer key

Volume - Cube

Sheet 2

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

1) Volume = $1,456 \text{ ft}^3$

2) Volume = 64 yd^3

3) Volume = $7,410 \text{ in}^3$

side length = 11.1

side length = 19.5 in

4) Volume = 355 yd^3

Volume = 8 ft^3

side length = 7.1

side length = 2 ft

7) Daniel's multi-color lunch container has a volume of 125 cubic inches. Find the side length of the lunch container.

side length = 5 inches

8) A cubical container has a volume of 91 cubic inches. What is the length of each side of the container? Round your answer to the nearest tenth.

4.5 inches

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