

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

## Surface Area - Cube

Sheet 3

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

- 1) Surface area =  $486 \text{ yd}^2$       2) Surface area =  $3,750 \text{ in}^2$       3) Surface area =  $807 \text{ ft}^2$

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

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

- 4) Surface area =  $3,201$

Surface area =  $1,354 \text{ yd}^2$

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

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

- 7) The surface area of the cube is  $1,500 \text{ in}^2$ . Find the side length. Round your answer to the nearest tenth.

side length. Round your answer to the nearest tenth.

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- 8) Find the side length of the cube, if its surface area is  $96$  square inches.

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

## Answer key

Sheet 3

### Surface Area - Cube

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

- 1) Surface area =  $486 \text{ yd}^2$       2) Surface area =  $3,750 \text{ in}^2$       3) Surface area =  $807 \text{ ft}^2$

side length = 9 yd

side length = 11.6 ft

- 4) Surface area =  $3,201 \text{ in}^2$

Surface area =  $1,354 \text{ yd}^2$

side length = 23.1 yd

side length = 15 yd

- 7) The surface area of the cube is  $240 \text{ yd}^2$ . Find the side length. Round your answer to the nearest tenth.

side length. Round your answer to the nearest tenth.

- 8) Find the side length of the cube, if its surface area is 96 square inches.

4 inches

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