

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

## Surface Area - Cube

Sheet 2

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

1) Surface area =  $24 \text{ ft}^2$

2) Surface area =  $328 \text{ yd}^2$

3) Surface area =  $1,945 \text{ in}^2$

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

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

4) Surface area =  $1,013$

Surface area =  $2,646 \text{ ft}^2$

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

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

7) If the surface area of

side length.

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8) Find the side length of the cube whose surface area is 879 square yards. Round your answer to the nearest tenth.

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

## Answer key

Sheet 2

### Surface Area - Cube

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

1) Surface area =  $24 \text{ ft}^2$

2) Surface area =  $328 \text{ yd}^2$

3) Surface area =  $1,945 \text{ in}^2$

side length = 2 ft

side length = 18 in

4) Surface area =  $1,013 \text{ ft}^2$

Surface area =  $2,646 \text{ ft}^2$

side length = 13

side length = 21 ft

7) If the surface area of a cube is  $1,500 \text{ cm}^2$ , find the side length.

side length.

8) Find the side length of the cube whose surface area is  $879 \text{ square yards}$ . Round your answer to the nearest tenth.

12.1 yards

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