

Name : _____

Surface Area - Cube

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

- 1) Surface area = $1,176 \text{ in}^2$ 2) Surface area = 53 ft^2 3) Surface area = $2,905 \text{ yd}^2$

side length = _____

side length = _____

- 4) Surface area = 387 ft^2

Surface area = $1,579 \text{ in}^2$

side length = _____

side length = _____

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

square inches. Round your answer to the nearest tenth.

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- 8) If the surface area of the cube is $2,168 \text{ square feet}$, find its side length. Round your answer to the nearest tenth.