

Name : _____

Volume - Cube

Sheet 3

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

1) Volume = 77 yd^3

2) Volume = 216 in^3

3) Volume = $1,000 \text{ ft}^3$

side length = _____

side length = _____

4) Volume = 343 in^3

Volume = $6,998 \text{ yd}^3$

side length = _____

side length = _____

7) It takes 36,000 cubic feet to fill a pool.
Round your answer to the nearest tenth.

Find the side length of the pool.

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8) A cubical fish tank has a volume of 20 cubic feet. Find the length of each side of the fish tank. Round your answer to the nearest tenth.