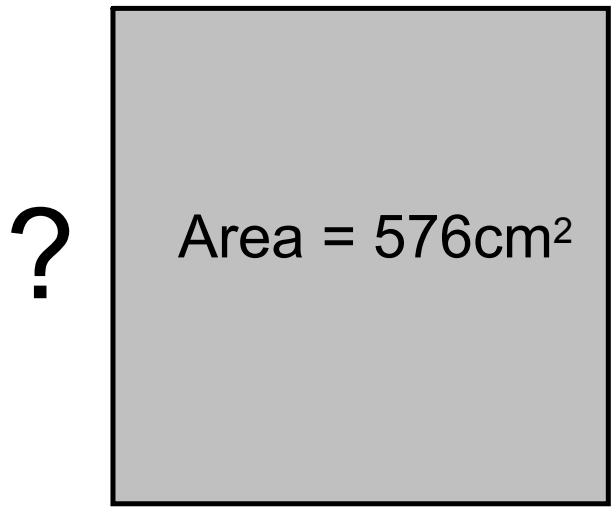


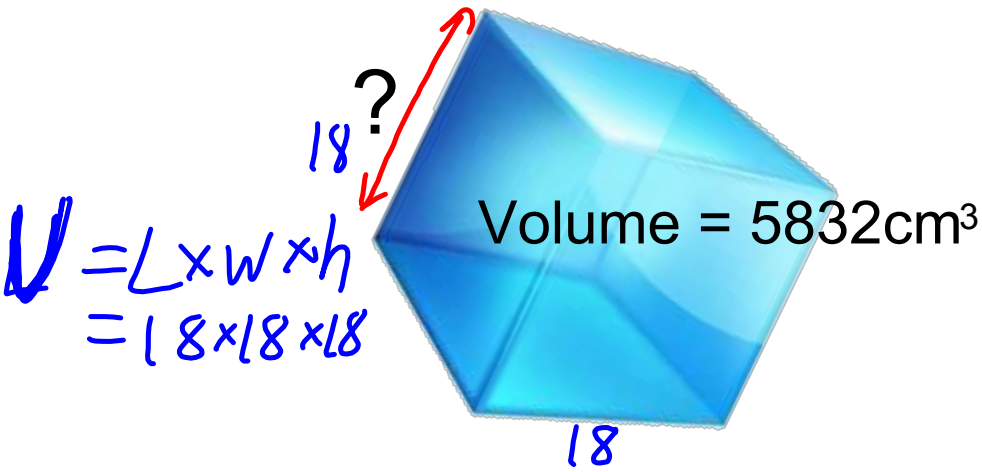

Without using the $\sqrt{\ }$ button on your calculator, find the edge length of the square.

$$\sqrt{576} = 2 \times 2 \times 2 \times 2 \times 2 \times 2 \times 3 \times 3$$

$$= 2 \times 2 \times 2 \times 2 \times 2 \times 2 \times 3 \times 3$$

$$= 2 \times 2 \times 2 \times 3$$

$$= 24$$




$V = L \times w \times h$

$= 18 \times 18 \times 18$

Without using the $\sqrt[3]{\ }$ button on your calculator, find the edge length of the cube.

$$\sqrt[3]{5832} = 2 \times 2 \times 2 \times 3 \times 3 \times 3 \times 3 \times 3 \times 3$$

$$= (2 \times 2 \times 2) \times (3 \times 3 \times 3) \times (3 \times 3 \times 3)$$

$$= 2 \times 3 \times 3$$

$$= 18$$

44 100

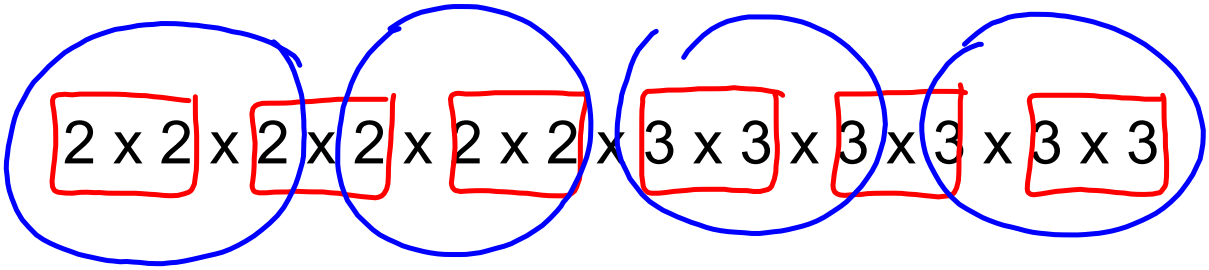
$2 \times 2 \times 3 \times 3 \times 5 \times 5 \times 7 \times 7$

Perfect Square

5292 $2 \times 2 \times 3 \times 3 \times 3 \times 7 \times 7$

Neither!!

46656




Perfect Square & Perfect Cube.