

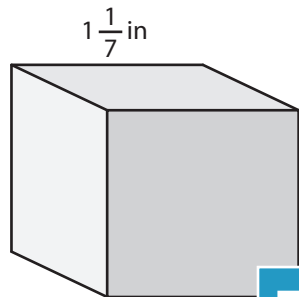
Name : _____

Volume - Cube

Sheet 3

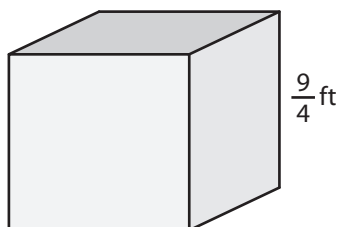
A) Find the volume of each cube.

1)



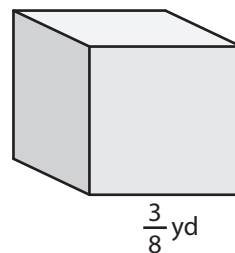
Volume = _____

2)



Volume = _____

3)



Volume = _____

B) Find the volume of each cube.

4) side length = $\frac{5}{6}$ in

Volume = _____

6) side length = $2\frac{1}{3}$ yd

Volume = _____

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side length = $\frac{1}{9}$ ft

Volume = _____

side length = $\frac{9}{5}$ in

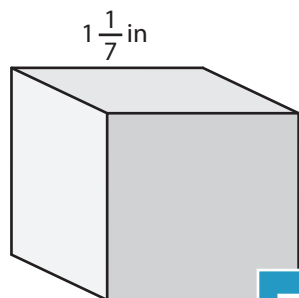
Volume = _____

8) Shawn pieces a large cube together from 25 metal cubes. The side length of each metal cube is $\frac{3}{5}$ inches. Find the volume of the large cube thus formed.

Volume - Cube

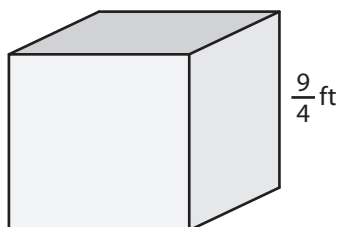
A) Find the volume of each cube.

1)



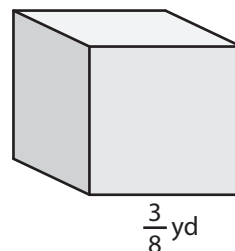
Volume = $\frac{512}{343}$ or $1\frac{1}{7}$

2)



Volume = $\frac{27}{512}$ yd³

3)



B) Find the volume of

4) side length = $\frac{5}{6}$ in

Volume = $\frac{125}{216}$ in³

6) side length = $2\frac{1}{3}$ yd

Volume = $\frac{343}{27}$ or $12\frac{2}{27}$ yd³

h = $\frac{1}{9}$ ft

$\frac{1}{729}$ ft³

h = $\frac{9}{5}$ in

Volume = $\frac{729}{125}$ or $5\frac{104}{125}$ in³

8) Shawn pieces a large cube together from 25 metal cubes. The side length of each metal cube is $\frac{3}{5}$ inches. Find the volume of the large cube thus formed.

$\frac{27}{5}$ or $5\frac{2}{5}$ cubic inches