

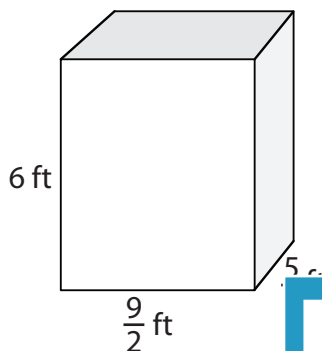
Name : \_\_\_\_\_

## Volume - Rectangular Prism

Fractions: S3

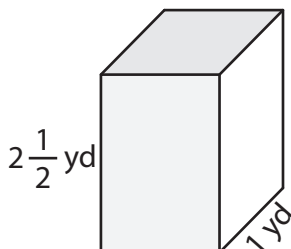
A) Find the volume of each rectangular prism.

1)



Volume = \_\_\_\_\_

2)



3)



Volume = \_\_\_\_\_

B) Find the volume of each

4) length = 8 yd ; width =  $\frac{5}{7}$

Volume = \_\_\_\_\_

6) height =  $\frac{6}{7}$  in ; length =

Volume = \_\_\_\_\_

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width =  $1\frac{2}{5}$  ft ; length = 6 ft

width =  $\frac{5}{7}$  yd ; height =  $\frac{9}{5}$  yd

Volume = \_\_\_\_\_

Volume = \_\_\_\_\_

8) Find the volume of a rectangular prism whose width, height and length are  $\frac{1}{2}$  inch,  $\frac{1}{9}$  inch and 4 inches respectively.

\_\_\_\_\_

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

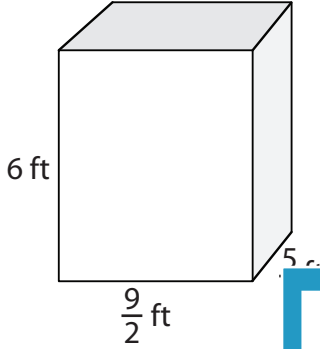
# Answer key

## Volume - Rectangular Prism

Fractions: S3

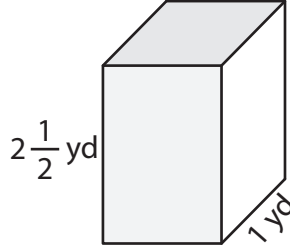
A) Find the volume of each rectangular prism.

1)

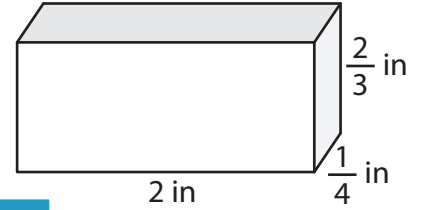


Volume = 45 ft<sup>3</sup>

2)



3)



Volume =  $\frac{1}{3}$  in<sup>3</sup>

B) Find the volume of each

4) length = 8 yd ; width =  $\frac{5}{7}$  yd

Volume =  $\frac{64}{7}$  or  $9\frac{1}{7}$  yd<sup>3</sup>

6) height =  $\frac{6}{7}$  in ; length =  $\frac{5}{7}$  in

Volume =  $\frac{12}{7}$  or  $1\frac{5}{7}$  in<sup>3</sup>

8) Find the volume of a rectangular prism whose width, height and length are  $\frac{1}{2}$  inch,  $\frac{1}{9}$  inch and 4 inches respectively.

$\frac{2}{9}$  cubic inch

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