

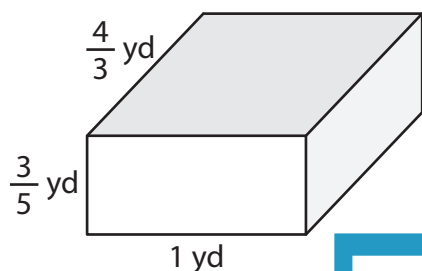
Name : _____

Volume - Rectangular Prism

Fractions: S2

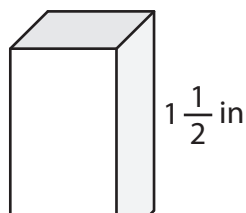
A) Find the volume of each rectangular prism.

1)



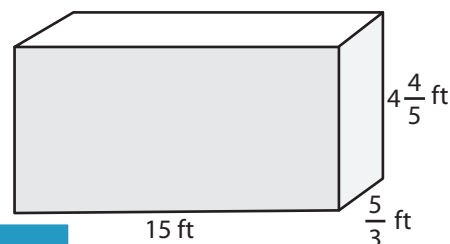
Volume = _____

2)



Volume = _____

3)



Volume = _____

B) Find the volume of each

4) height = $\frac{1}{2}$ ft ; length = _____

Volume = _____

6) length = $\frac{4}{7}$ yd ; width = _____

Volume = _____

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height = $1\frac{1}{5}$ in ; length = $\frac{3}{8}$ in

Volume = _____

height = 3 ft ; width = $\frac{8}{9}$ ft

Volume = _____

8) A rectangular prism has a length of $2\frac{2}{3}$ yards, a width of $\frac{1}{4}$ yard, and a height of 2 yards. Determine the volume of the prism.

Name : _____

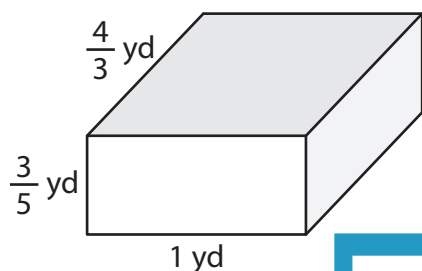
Answer key

Volume - Rectangular Prism

Fractions: S2

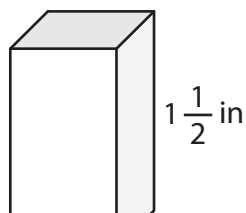
A) Find the volume of each rectangular prism.

1)

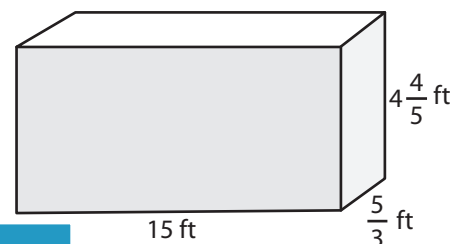


Volume = $\frac{4}{5} \text{ yd}^3$

2)



3)



Volume = 120 ft^3

B) Find the volume of each

4) height = $\frac{1}{2}$ ft ; length =

Volume = $\frac{27}{10}$ or $2\frac{7}{10}$

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

Volume = $\frac{28}{9}$ or $3\frac{1}{9} \text{ yd}^3$

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height = $1\frac{1}{5}$ in ; length = $\frac{3}{8}$ in

Volume = $\frac{3}{40} \text{ in}^3$

height = 3 ft ; width = $\frac{8}{9}$ ft

Volume = $\frac{8}{3} \text{ ft}^3$

8) A rectangular prism has a length of $2\frac{2}{3}$ yards, a width of $\frac{1}{4}$ yard, and a height of 2 yards. Determine the volume of the prism.

$\frac{4}{3}$ or $1\frac{1}{3}$ cubic yards