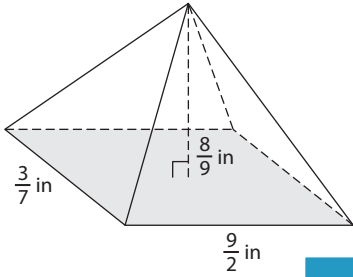


Name : \_\_\_\_\_

## Volume - Rectangular Pyramid

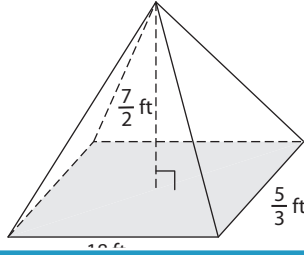
A) Find the volume of each rectangular pyramid.

1)



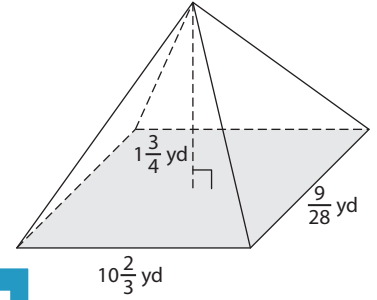
Volume = \_\_\_\_\_

2)



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

3)



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

B) Find the volume of each

4) width =  $\frac{2}{3}$  yd ; length =  $\frac{9}{7}$  yd ; height =  $\frac{1}{2}$  yd

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

6) height =  $\frac{10}{3}$  ft ; width =  $\frac{7}{1}$  ft ; length =  $\frac{1}{2}$  ft

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

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5.

length =  $2\frac{2}{3}$  in ; width =  $\frac{2}{5}$  in ; height =  $\frac{1}{4}$  in

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

length =  $\frac{5}{6}$  yd ; length = 4 yd ; height =  $\frac{1}{2}$  yd

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

8) A rectangular pyramid has a length of  $2\frac{1}{4}$  inches, a width of  $1\frac{1}{7}$  inches and a height of  $2\frac{1}{3}$  inches. Determine the volume of the pyramid.

\_\_\_\_\_

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

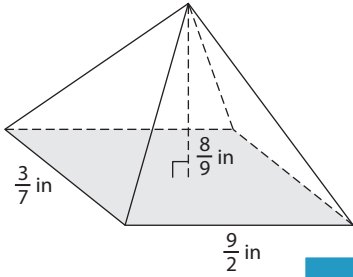
### Answer key

Fractions: S2

## Volume - Rectangular Pyramid

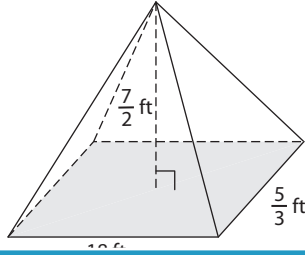
A) Find the volume of each rectangular pyramid.

1)

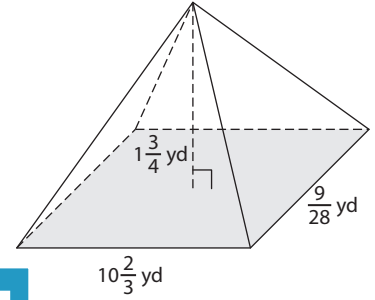


Volume =  $\frac{4}{7}$  in<sup>3</sup>

2)



3)



Volume =  $2$  yd<sup>3</sup>

B) Find the volume of each

4) width =  $\frac{2}{3}$  yd ; length =  $\frac{9}{7}$  yd ; height =  $\frac{2}{7}$  yd

Volume =  $\frac{4}{5}$  yd<sup>3</sup>

6) height =  $\frac{10}{3}$  ft ; width =  $\frac{2}{1}$  ft ; length =  $\frac{3}{1}$  ft

Volume =  $\frac{20}{9}$  or  $2\frac{2}{9}$  ft<sup>3</sup>

Volume =  $\frac{5}{6}$  or  $4\frac{1}{6}$  yd<sup>3</sup>

8) A rectangular pyramid has a length of  $2\frac{1}{4}$  inches, a width of  $1\frac{1}{7}$  inches and a height of  $2\frac{1}{3}$  inches. Determine the volume of the pyramid.

**2 cubic inches**

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