

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

## Decimals

A) Write each decimal in words.

- 1) 51.032 \_\_\_\_\_  
2) 45.2 \_\_\_\_\_  
3) 2.35 \_\_\_\_\_

B) Write in decimals.

- 1) nine and eight hundred sixty-two thousandths \_\_\_\_\_  
2) three and nine tenths \_\_\_\_\_  
3) six and fifty-four hundredths \_\_\_\_\_

C) Write each decimal in expanded form.

- 1) 3.74 \_\_\_\_\_  
2) 95.743 \_\_\_\_\_  
3) 75.1 \_\_\_\_\_

D) Write each decimal in expanded product form.

- 1) 52.3 \_\_\_\_\_  
2) 30.75 \_\_\_\_\_  
3) 8.137 \_\_\_\_\_

E) Write the set of numbers in order.

- 1) 43.92    2.463    9.9    33.256

	Tens	Ones	Decimal point	Tenths	Hundredths	Thousandths
Greatest			•			
			•			
			•			
	Least		•			

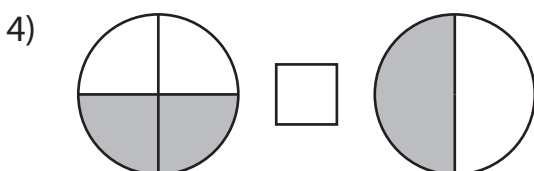
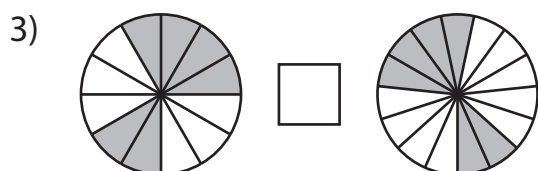
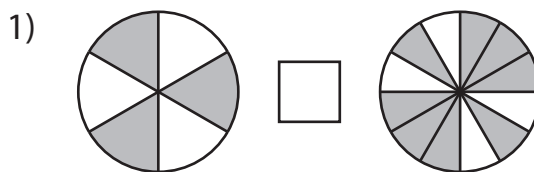
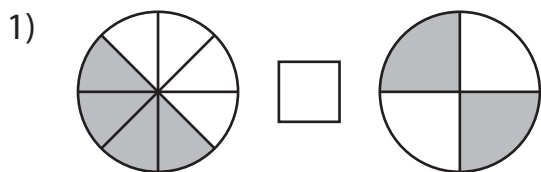
F) Round each decimal to the underlined place value.

- 1) 2.632 \_\_\_\_\_  
2) 67.7845 \_\_\_\_\_  
3) 96.13 \_\_\_\_\_  
4) 1.9 \_\_\_\_\_  
5) 8.14 \_\_\_\_\_

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

## Fractions

A) Write the correct symbol in each problem. (= or  $\neq$ )



B) Add or subtract the fractions.

1)  $\frac{1}{8} + \frac{3}{4} =$

2)  $\frac{17}{15} - \frac{13}{15} =$

3)  $3\frac{7}{8} - \frac{17}{16} =$

4)  $1\frac{2}{10} + 3\frac{5}{10} =$

5)  $\frac{1}{2} + \frac{5}{2} =$

6)  $\frac{10}{3} - \frac{17}{12} =$

C) Multiply or divide the fractions.

1)  $\frac{16}{27} \div \frac{4}{15} =$

2)  $2\frac{5}{10} \times 3\frac{2}{10} =$

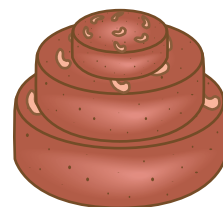
3)  $\frac{6}{5} \times \frac{1}{2} =$

4)  $2\frac{6}{7} \div \frac{10}{21} =$

5)  $\frac{2}{5} \div \frac{5}{8} =$

6)  $\frac{18}{11} \times \frac{33}{14} =$

D) Kelly bakes a cake for her son's birthday. The recipe calls for  $2\frac{3}{5}$  cups of sugar for the cake and  $3\frac{1}{5}$  cups of sugar to make the frosting. She has  $4\frac{3}{5}$  cups of sugar. How many more cups of sugar does Kelly need?



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

## Ordered Pairs

A) Name the point that is located by each ordered pair.

1)  $(2, 4)$  \_\_\_\_\_      2)  $(-2, 5)$  \_\_\_\_\_

3)  $(-4, -4)$  \_\_\_\_\_      4)  $(5, 1)$  \_\_\_\_\_

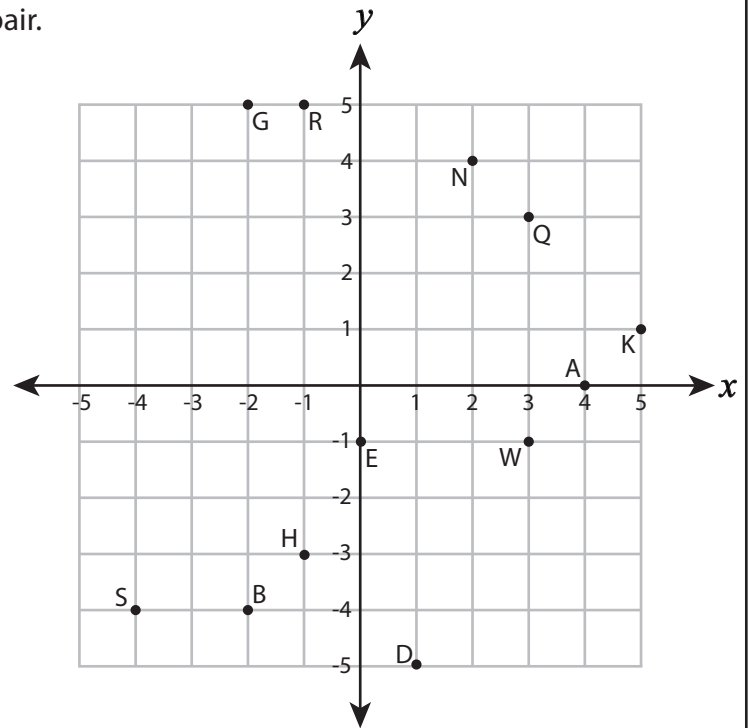
5)  $(1, -5)$  \_\_\_\_\_      6)  $(-2, -4)$  \_\_\_\_\_

B) Write the ordered pair for each point.

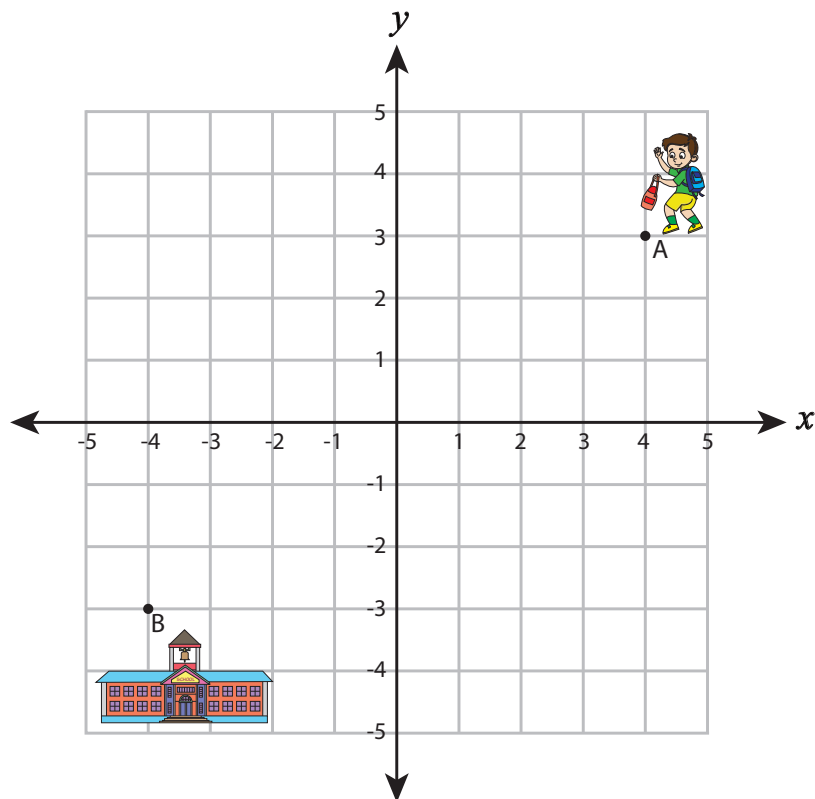
7) Q( \_\_\_\_\_ , \_\_\_\_\_ )      8) E( \_\_\_\_\_ , \_\_\_\_\_ )

9) H( \_\_\_\_\_ , \_\_\_\_\_ )      10) R( \_\_\_\_\_ , \_\_\_\_\_ )

11) W( \_\_\_\_\_ , \_\_\_\_\_ )      12) A( \_\_\_\_\_ , \_\_\_\_\_ )



C) Help John to reach the school by plotting the points and connecting them with the lines  $(4, 1)$ ,  $(2, 3)$ ,  $(1, 1)$ ,  $(3, -1)$ ,  $(0, -2)$ ,  $(-1, 1)$ ,  $(-3, 3)$ ,  $(-5, 1)$ ,  $(-5, -2)$ ,  $(-4, -2)$



D) You are at  $(-1, 0)$ . Move 2 units left and 5 units up. Where do you land? \_\_\_\_\_

E) You are at  $(5, 5)$ . Move 6 units down and 4 units left. Where do you land? \_\_\_\_\_

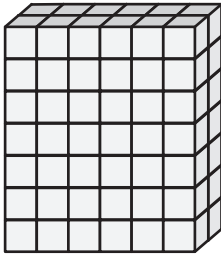
Name : \_\_\_\_\_

# Volume

A) Count the cubes and find the volume of each rectangular prism.

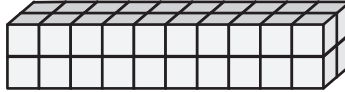
 = 1 ft<sup>3</sup>

1)



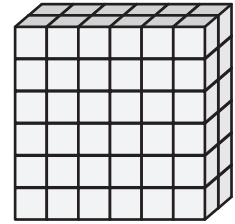
Volume = \_\_\_\_\_

2)



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

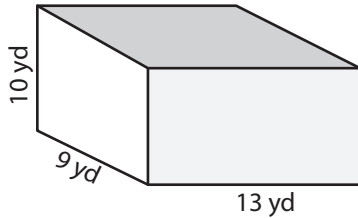
3)



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

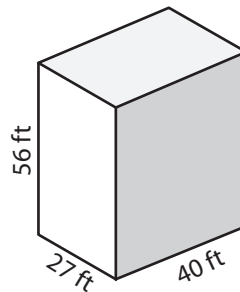
B) Find the volume of each rectangular prism.

1)



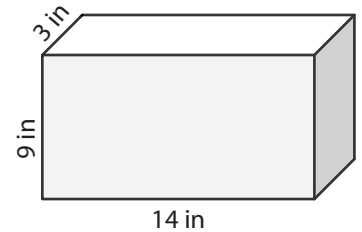
Volume = \_\_\_\_\_

2)



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

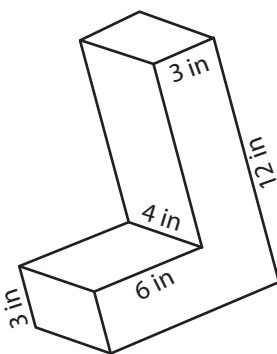
3)



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

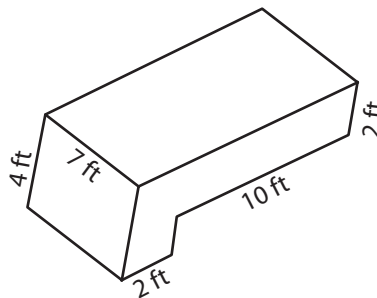
C) Find the volume of each L-block.

1)



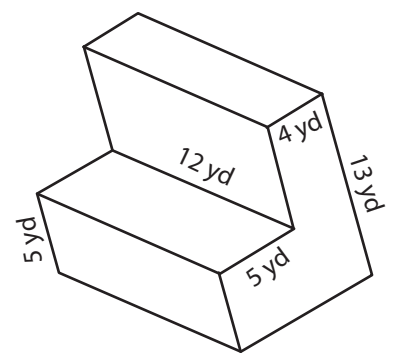
Volume = \_\_\_\_\_

2)



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

3)



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

D) A water tank has a dimension of 60 ft x 30 ft x 20 ft. What is the volume of the water tank?

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

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

**Answer key**

**Decimals**

A) Write each decimal in words.

1) 51.032 fifty-one and thirty-two thousandths

2) 45.2 forty-five and two tenths

3) 2.35 two and thirty-five hundredths

B) Write in decimals.

1) nine and eight hundred sixty-two thousandths 9.862

2) three and nine tenths 3.9

3) six and fifty-four hundredths 6.54

C) Write each decimal in expanded form.

1) 3.74  $3 + 0.7 + 0.04$

2) 95.743  $90 + 5 + 0.7 + 0.04 + 0.003$

3) 75.1  $70 + 5 + 0.1$

D) Write each decimal in expanded product form.

1) 52.3  $(5 \times 10) + (2 \times 1) + (3 \times \frac{1}{10})$

2) 30.75  $(3 \times 10) + (7 \times \frac{1}{10}) + (5 \times \frac{1}{100})$

3) 8.137  $(8 \times 1) + (1 \times \frac{1}{10}) + (3 \times \frac{1}{100}) + (7 \times \frac{1}{1000})$

E) Write the set of numbers in order.

1) 43.92    2.463    9.9    33.256

	Tens	Ones	Decimal point	Tenths	Hundredths	Thousandths
Greatest	4	3	.	9	2	
	3	3	.	2	5	6
		9	.	9		
Least		2	.	4	6	3

F) Round each decimal to the underlined place value.

1) 2.632 2.63

2) 67.7845 67.785

3) 96.13 96

4) 1.9 2

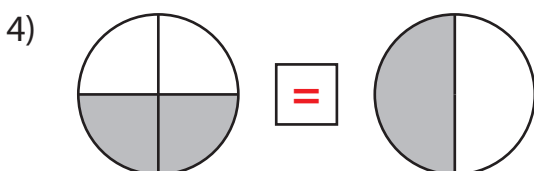
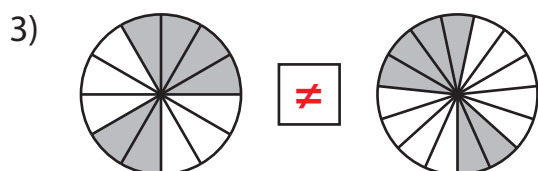
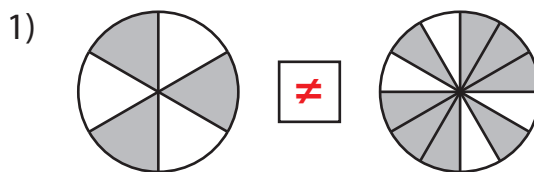
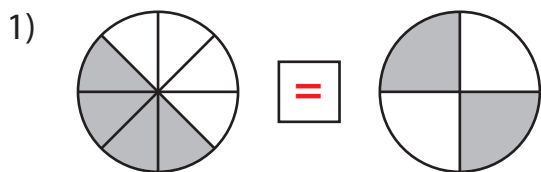
5) 8.14 8.1

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

## Answer key

### Fractions

A) Write the correct symbol in each problem. (= or  $\neq$ )



B) Add or subtract the fractions.

1)  $\frac{1}{8} + \frac{3}{4} = \frac{7}{8}$

2)  $\frac{17}{15} - \frac{13}{15} = \frac{4}{15}$

3)  $3\frac{7}{8} - \frac{17}{16} = \frac{45}{16} = 2\frac{13}{16}$

4)  $1\frac{2}{10} + 3\frac{5}{10} = 4\frac{7}{10}$

5)  $\frac{1}{2} + \frac{5}{2} = \frac{6}{2} = 3$

6)  $\frac{10}{3} - \frac{17}{12} = \frac{23}{12} = 1\frac{11}{12}$

C) Multiply or divide the fractions.

1)  $\frac{16}{27} \div \frac{4}{15} = \frac{20}{9} = 2\frac{2}{9}$

2)  $2\frac{5}{10} \times 3\frac{2}{10} = 8$

3)  $\frac{6}{5} \times \frac{1}{2} = \frac{3}{5}$

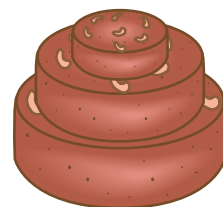
4)  $2\frac{6}{7} \div \frac{10}{21} = 6$

5)  $\frac{2}{5} \div \frac{5}{8} = \frac{16}{25}$

6)  $\frac{18}{11} \times \frac{33}{14} = \frac{27}{7} = 3\frac{6}{7}$

D) Kelly bakes a cake for her son's birthday. The recipe calls for  $2\frac{3}{5}$  cups of sugar for the cake and  $3\frac{1}{5}$  cups of sugar to make the frosting. She has  $4\frac{3}{5}$  cups of sugar. How many more cups of sugar does Kelly need?

**$1\frac{1}{5}$  cups of sugar**



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

## Answer key

# Ordered Pairs

A) Name the point that is located by each ordered pair.

1)  $(2, 4)$       **N**              2)  $(-2, 5)$       **G**  

3)  $(-4, -4)$       **S**              4)  $(5, 1)$       **K**  

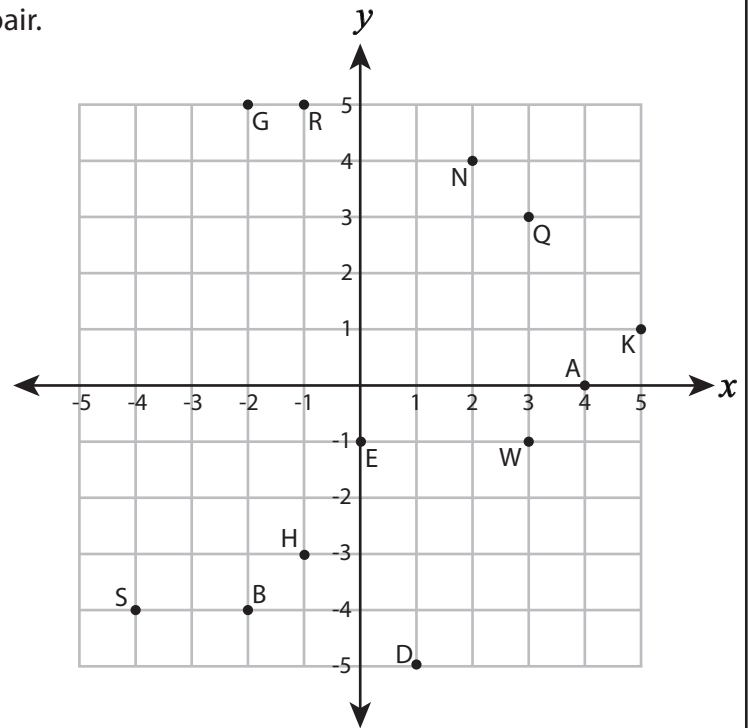
5)  $(1, -5)$       **D**              6)  $(-2, -4)$       **B**  

B) Write the ordered pair for each point.

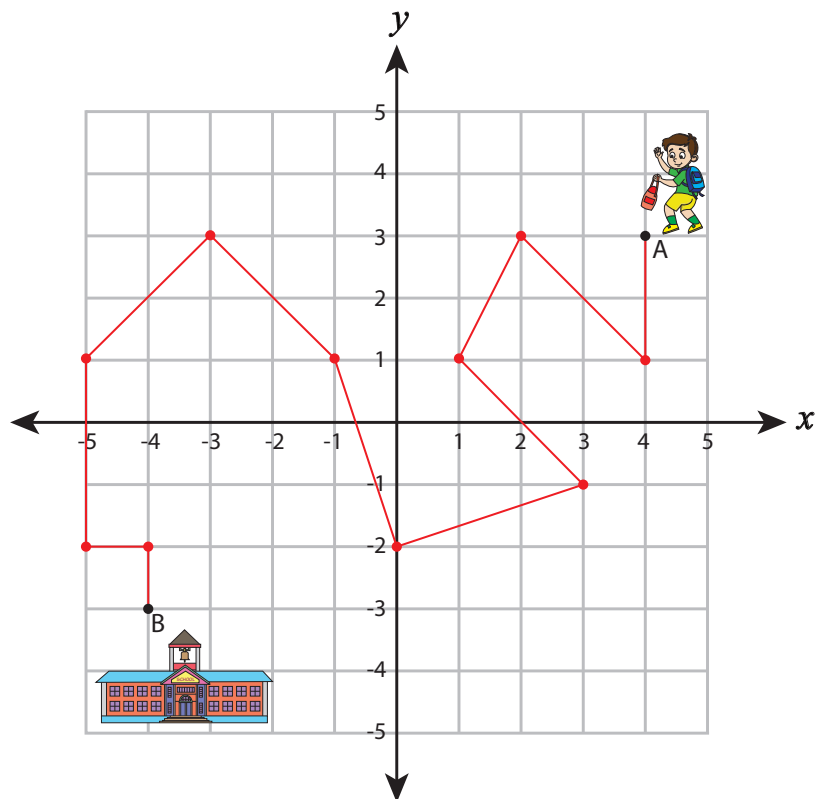
7) Q(   **3**   ,   **3**   )            8) E(   **0**   ,   **-1**   )

9) H(   **-1**   ,   **-3**   )            10) R(   **-1**   ,   **5**   )

11) W(   **3**   ,   **-1**   )            12) A(   **4**   ,   **0**   )



C) Help John to reach the school by plotting the points and connecting them with the lines  $(4, 1)$ ,  $(2, 3)$ ,  $(1, 1)$ ,  $(3, -1)$ ,  $(0, -2)$ ,  $(-1, 1)$ ,  $(-3, 3)$ ,  $(-5, 1)$ ,  $(-5, -2)$ ,  $(-4, -2)$



D) You are at  $(-1, 0)$ . Move 2 units left and 5 units up. Where do you land?

   **$(-3, 5)$**   

E) You are at  $(5, 5)$ . Move 6 units down and 4 units left. Where do you land?


   **$(1, -1)$**

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

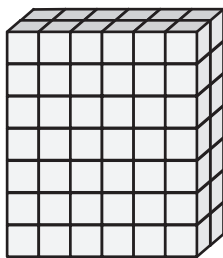
## Answer key

# Volume

A) Count the cubes and find the volume of each rectangular prism.

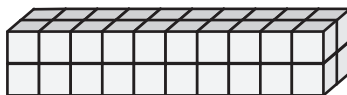
 = 1 ft<sup>3</sup>

1)



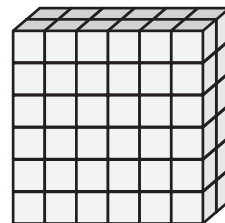
Volume = 84 ft<sup>3</sup>

2)



Volume = 40 ft<sup>3</sup>

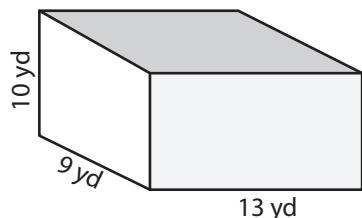
3)



Volume = 72 ft<sup>3</sup>

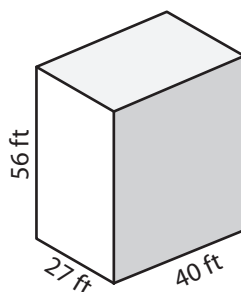
B) Find the volume of each rectangular prism.

1)



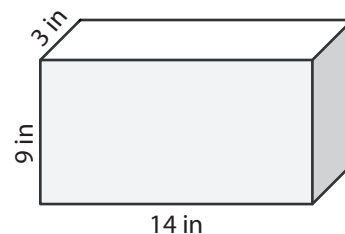
Volume = 1,170 yd<sup>3</sup>

2)



Volume = 60,480 ft<sup>3</sup>

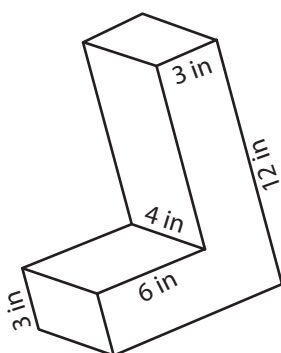
3)



Volume = 378 in<sup>3</sup>

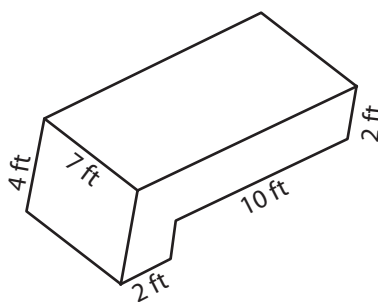
C) Find the volume of each L-block.

1)



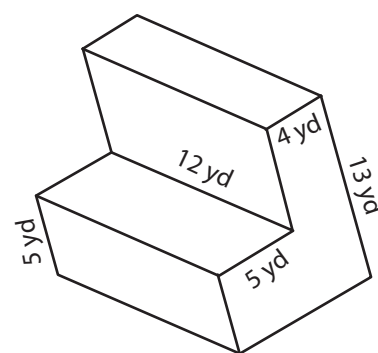
Volume = 216 in<sup>3</sup>

2)



Volume = 196 ft<sup>3</sup>

3)



Volume = 924 yd<sup>3</sup>

D) A water tank has a dimension of 60 ft x 30 ft x 20 ft. What is the volume of the water tank?

Volume = 36,000 ft<sup>3</sup>