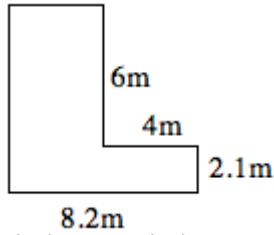
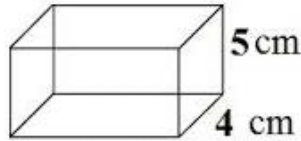


Math Concepts HW 14 4.28.15

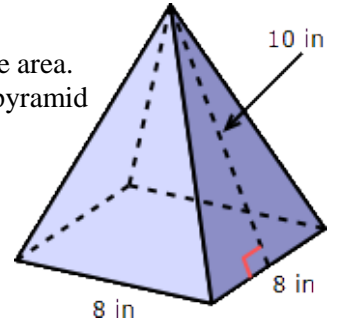
1) Find the area.



2) The volume of this rectangular prism is 140 cubic centimeters. Find the length of the prism.



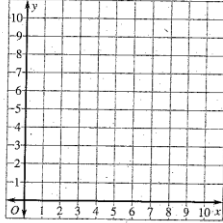
3) Find the surface area. The base of this pyramid is a square.



Fill in the missing numbers for each table, and graph the results.

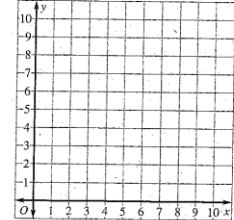
4)

x	Y
5	10
	12
2	4
3	6



5)

x	Y
4	2
10	8
3	1
5	



6) Mr. Reed surveyed his class to see how many siblings his students had. Create a graph of the data he collected, shown below. Decide if a dot plot or bar graph will work best.

1, 0, 2, 2, 3, 1, 1, 2, 0, 0, 1, 1, 1, 2, 1, 5, 1, 3, 2, 0, 1, 2, 1, 1, 1, 2, 1

7) Given the data in the table below, create a graph. Decide if a dot plot, bar graph, or Venn diagram will work best.

Mrs. McKenzie's Class
Favorite Color

Red	
Orange	
Yellow	
Green	
Blue	
Purple	
Brown	
Black	
Other	

8) $3.6 + 0.85$

9) $3.6 \cdot 0.85$

10) $3.6 - 0.85$

11) $12 \div 1\frac{5}{7}$

12) $1\frac{5}{7} \div 12$

13) $3.6 \div 0.008$

14) How many $\frac{3}{4}$ inch pieces can be cut from 6 inches of wood?

15) Grandma promised me $\frac{3}{4}$ of her 6 sliders. How many sliders do I get?

16) 24 is 25% of what number?

17) What percent of 25 is 24?