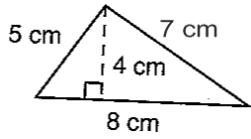
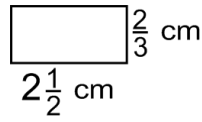


**Math Concepts HW 2 3.31.15**

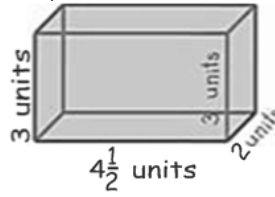
1) Find the area.



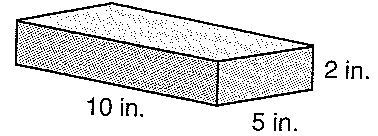
2) Find the area.



3) Find the volume.



4) Find the surface area.



5) Complete the chart below.

Percent	Decimal	Fraction
2%		
	0.21	
		$\frac{3}{4}$
95%		
	0.9	
		$\frac{21}{25}$

6) Find 60% of 25.

7) Find 15% of 30.

8) Find 5% of 60.

9) Find  $\frac{5}{6}$  of 120.

10) Find  $\frac{3}{8}$  of 100.

11) Find half of  $\frac{7}{8}$ .

**Arrange from least to greatest.**

12)  $\frac{3}{5}$ , 0.5, 0.35

13)  $\frac{3}{4}$ , 0.78, 87%

14) 6.071, 6.19,  $6.\bar{1}$

15) How many  $\frac{1}{3}$  lb cookies can I make from 6 lbs. of cookie dough?

16) A class has 18 boys and 12 girls. Find the ratio of boys to students.

**Write the algebra expression for each phrase.**

17) the product of 8 and y

18) the sum of n and z

19) twice the sum of n and z

**Hot dogs cost \$1.75 each. You buy 3 hot dogs.**

20) How much will they cost?

21) How much change would you get back from a \$10 bill?