PERCENTAGES

Name: _____ Class: _____ Due Date: _____

Family Member Signature: _____

Objective:

To translate numbers between percentages, fractions and decimals.

Necessary Information:

Per – cent means "out of – 100". In order to express a number as a percent the fraction's denominator must be 100.

Eg. $\dfrac{1}{4} = \dfrac{25}{100} = 0.25 =$ twenty-five hundredths = 25%

Practice Section:

1. Each number must be written as a fraction, percent and decimal. Write the two that are missing.

Fraction	Decimal	Percentage
$\dfrac{41}{100}$		
	0.82	
		23%
$\dfrac{3}{5}$		
		2%

2. Find the following.

a. 100% of 731

e. 1% of 170

b. 50% of 35

f. 15% of 80

c. 25% of 30

g. 35% of 250

d. 10% of 420

h. 11% of 510

In <u>Your</u> Real World:

With a family member, complete the following question. You have been saving up to buy a special item that costs $64.00. This week's flyer says it is on sale for 25% off and NO TAX! Will a $50 bill be enough? Calculate the discount, and sale price of the item to help answer the question. What is the difference between the sale price and your $50 bill?

Discount

Sale Price

Difference