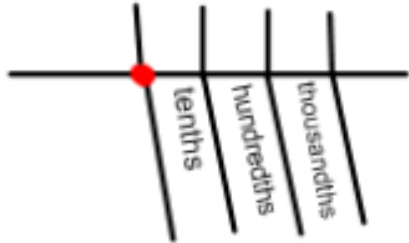


12-2-15

I can write equivalent percents, fractions, and decimals.

1. Change decimal to fraction:

step 1: use decimal place value to make the decimal a fraction over 10, 100, or 1000



step 2: reduce or simplify the fraction

Example #1

$$.6 = ?$$

Example #2

$$.89 = ?$$

Example #3

$$.639 = ?$$

2. Change fraction to a decimal:

Step #1 use long division to divide the fraction. Remember to put the denominator on the outside of the division symbol. (D before N)

Step #2 add a decimal and zeroes to the division problem

Example: $6/8 =$ what decimal

3. Change fraction to percent: (this is what we did yesterday)

Step #1- set up a ratio to change the denominator to be equivalent to 100

Step #2- change the ratio over 100 to = a percent

Example:

$$3/5 = \underline{\hspace{1cm}}\%$$

4. Change percent to fraction:

Step #1- change the percent to a fraction over 100

Step #2- simplify if you can

Examples-

$$39\% = \underline{\hspace{1cm}}$$

$$26\% = \underline{\hspace{1cm}}$$

5. Change percent to decimal:

Step #1- Change the percent to a fraction over 100

Step #2- Use decimal place value to make that number into a decimal.



Examples:

$$67\% = \underline{\hspace{2cm}}$$

$$35\% = \underline{\hspace{2cm}}$$

6. Change decimal to percent:

Step #1- Change the decimal to a fraction over 100

Step #2- use that fraction to make it into a percent

Examples:

$$.63 = \underline{\hspace{2cm}}$$

$$.29 = \underline{\hspace{2cm}}$$

$$.42 = \underline{\hspace{2cm}}$$