Name: _____

WORKING WITH PERCENTS, FRACTIONS, DECIMALS

To change a percent to a decimal, divide by 100.

For example: $25\% = \frac{25\%}{100\%} = 0.25$

Try these:

a) 35%   b) 57%   c) 110%   d) 4%

To change a decimal to a percent multiply by 100 and add the % sign.

For example: 0.34 = 0.34 x 100 = 34%

Try these:

a) 0.25   b) 0.76   c) 1.25   d) 0.05

To change a fraction to a decimal, divide the top by the bottom.

For example: ¾ = 0.75

Try these:

a) 8/10   b) 4/7   c) ½   d) 9/15

To change a fraction to a percent, divide the top by the bottom and multiply by 100.

For example: ¾ = 0.75 x 100 = 75%

Change all the fraction in the previous section to percents.

a) 8/10   b) 4/7   c) ½   d) 9/15

To find the percent of a number, change the % to a decimal and multiply by the number.

For example: $38\% \text{ of } 26 = \frac{38\%}{100\%} \times 26 = 0.38 \times 26 = 9.88$
Try these:

a) 45% of 92   b) 75% of 250   c) 50% of 125

d) 110% of 340   e) 8% of 52 000   f) 0.25% of 1800