MEL 3E 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% of 26 = $\frac{38\%}{100\%}$ x 26 = 0.38 x 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

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