

What we did last day:

Quiz

Solving real life situations using equations and proportions.

What we are doing today:

Percent as a ratio

White board Warm-up

Fraction  $\longrightarrow$  Decimal Top divided by bottom

Example 1) Express each fraction as decimal

$\frac{22}{100}$		$\frac{7}{8}$		$1\frac{3}{4}$	
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Example 2) Express each percent as a decimal

11%	124%	3.65%

## Percent as a Ratio

Example 1) Determine each value  
to find percent of a number multiply the value by the percent  
as a decimal. In math the word "of" means to multiply

a) 10% of \$347

b) 10% of \$2145

c) 10 % of \$27

Note: A quick way to find 10% of a number is to move the  
decimal 1 place to the left.

Example 2) An MP3 player regularly sells for \$180 is on sale for 25% off. What is the new price including 13% HST?

Example 3) There are 1800 students at Eastwood. If 45% attend the semi-formal, how many students went to the dance?

Example 4) Emma borrows \$1200 for 6 months. The annual interest rate is 6%. How much simple interest does Emma pay?