Vocabulary: Proportions and Common Multipliers

Vocabulary

- <u>Common multiplier</u> – in a proportion, the number that is multiplied by the numerator and denominator of one ratio to get the numerator and denominator of the other ratio.

  o For example, in the proportion $\frac{2}{3} = \frac{10}{15}$, the common multiplier is 5 because

  $2 \cdot 5 = 10$ and $3 \cdot 5 = 15$.

- <u>Proportion</u> – an equation that shows two equivalent ratios.

  o For example, $\frac{1}{2} = \frac{4}{8}$ is a proportion as the two ratios are equal.