

## 9 - 9 Vocabulary Terms

\*These terms/examples are to be placed on note cards for credit by Friday.

- 1) **Percent of Increase**- The percent the amount of increase is of the original amount.

Example:

Original amount	10
New amount	14

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Step 1: subtract new amount from original amount

$$14 - 10 = 4$$

Step 2: percent of increase =  $\frac{\text{amount of increase}}{\text{original amount}}$

$$= \frac{4}{10} \quad 4 \text{ divided by } 10 = .40 = 40\%$$

2) **Percent of Decrease-** The percent the amount of decrease is of the original amount.

Example:

Original amount	\$150
New amount	\$100

Step 1: subtract original amount from new amount  
 $\$150 - \$100 = \$50$

Step 2: Percent of decrease =  $\frac{\text{amount of decrease}}{\text{original amount}}$

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$$= \frac{50}{150} \quad 50 \text{ divided by } 150 = .3333 = 33.3\%$$