

Unit 4 Vocabulary

- Direct Variation: The relationship between two variable quantities that have a constant ratio.
- Discount: The amount by which the regular price of an item is reduced.
- Equivalent Ratios: Two ratios that have the same value.
- Percent of Change: A ratio that compares the change in a quantity to the original amount.
- Percent of Increase/ Decrease: Percent of increase is a positive percent change and decrease is a negative percent change.
- Percent Proportion: One ratio or fraction compares part of a quantity to the whole quantity. The other ratios is the equivalent percent written as a fractions with a denominator of 100.
- Proportional: An equation stating that two ratios or rates are equivalent.
- Scale Factor: A scale written as a ratio without units in simplest form.
- Similar Figures: Figures that have the same shape but not necessarily the same size.
- Simple Interest (Principal): simple interest is the amount paid or earned for the use of money. The formula for simple interest is $I = prt$.
- Tax/ Gratuity: Tax is an additional amount of money charged when purchasing a product and gratuity is an additional amount of money in return for a service.
- Unit Rate: A rate that is simplified so that it has a denominator of 1 unit.