**PERCENT INCREASE AND DECREASE**

Percent can be used to describe how an amount changes.

PERCENT INREASE describes \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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**Percent Change = ------------------------**

Example 1: Amber got a raise, and her hourly wage increased from $8 to $9.50. What is the percent increase?

Step 1: Find the amount of change.

Step 2: Find the percent increase. Round to the nearest percent.

**YOUR TURN!**

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| The price of a pair of shoes increases from $52 to $64. What is the percent increase to the nearest percent? |

When the change in the amount decreases, you can use a similar approach to find percent decrease.

**Percent d**ecrease describes \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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**Percent Change = ------------------------**

Example 1: David moved from a house that is 89 miles away from his workplace to

a house that is 51 miles away from his workplace. What is the percent decrease in the distance from his home to his workplace?

Step 1: Find the amount of change.

Step 2: Find the percent increase. Round to the nearest percent.

**YOUR TURN!**

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| Officer Juarez wrote 16 tickets for traffic violations last week, but only 10 tickets this week. What is the percent decrease?  7.4.D |