

Lesson 18T ~ Percent of Change

Name _____ Period _____ Date _____

Identify the percent of change as an increase or a decrease by circling your choice. Find the percent of change. Round percents to the nearest tenth, if necessary.

1. 10 to 15 INCREASE / DECREASE

Amount of change between 10 and 15: _____

$$\frac{\text{amount of change} \rightarrow}{\text{original amount} \rightarrow 10} = \frac{x}{100}$$

Percent of change: _____

2. 12 to 4 INCREASE / DECREASE

Amount of change between 12 and 4: _____

$$\frac{\text{amount of change} \rightarrow}{\text{original amount} \rightarrow 12} = \frac{\quad}{\quad}$$

Percent of change: _____

3. 12 to 15 INCREASE / DECREASE

4. 50 to 90 INCREASE / DECREASE

5. 24 to 8 INCREASE / DECREASE

6. 10 to 8 INCREASE / DECREASE

7. 100 to 60 INCREASE / DECREASE

8. 10 to 30 INCREASE / DECREASE

9. 15 to 24 INCREASE / DECREASE

10. 28 to 7 INCREASE / DECREASE

11. Charlie started a candy sale with 40 candy bars. Now he has 32 candy bars.

a. What is the amount of decrease in the number of candy bars Charlie has?

b. What was the original amount of candy bars Charlie started the sale with?

c. Find the percent of decrease in the number of candy bars Charlie has.

12. Monica had 60 baseball cards last month. This month she has 90. Find the percent of increase.