

## Lesson 18C ~ Percent of Change

Name \_\_\_\_\_ Period \_\_\_\_\_ Date \_\_\_\_\_

**Identify the percent of change as an increase or a decrease. Find the percent of change.**

1. 60 to 75                                      2. 96 to 48                                      3. 120 to 80

**Identify the new number given the original number and the percent of increase or decrease.**

4. 40 to \_\_\_\_\_                                      5. 15 to \_\_\_\_\_                                      6. 35 to \_\_\_\_\_  
percent increase: 20%                                      percent increase:  $33\frac{1}{3}\%$                                       percent decrease: 40%
7. 100 to \_\_\_\_\_                                      8. 24 to \_\_\_\_\_                                      9. 50 to \_\_\_\_\_  
percent decrease: 25%                                      percent increase: 50%                                      percent decrease: 2%

10. Brandon needed to pick blueberries from 60 bushes. He has picked blueberries from 6 of them. Find the percent decrease in the number of blueberry bushes from which he still needs to pick berries.
11. George bought a house for \$210,000. Now, it has increased in value by 8%.  
a. How much more is the house worth now?  
  
b. What is the total value of the house now?
12. Lance bought a car last year for \$18,000. It has decreased in value by 15%. How much is the car worth now?
13. You are planning a fundraiser for next year. This year you sold \$650 worth of plants. You would like to increase your sales by 30% next year. How much money do you hope to raise next year?