

9.4 Percent Change

Name: _____

Directions: 1 - 3: Find the percent change. Label as increase or decrease.

1)
Original: 45
New: 50

2)
Original: 75
New: 48

3)
Original: 12
New: 30

Directions: Find the percent change. Label as increase or decrease. Round to the nearest tenth.

4) Coca Cola has 185 calories. It then tried a new formula of coke and it had 215 calories. Describe the change in number of calories from the original to the new.

5) The first time Mr. Brust played Nortfight he lost in 14 seconds. The second time he played he lost in 50 seconds. Describe the change in seconds it took to lose from his first to his second time playing.

6) Greg Maddox averaged 2.4 strikeouts his first year in the Major Leagues. His last year he averaged 6.5 strikeouts a game. Describe the change in strikeouts per game.

7) The Cleveland Cavaliers lost 58 games one year. The next year they drafted Lebron James and lost only 32 games. Describe the change in losses from one year to the next.

8) Brust invested \$5000 in a SURE FIRE company....TESLA. After one year his investment was worth \$4500!!! Describe the change in the value of his investment.

The next year the investment went back from \$4500 to \$5000. Describe the change in the value of his investment.

9.4 Percent Change

Corrective Assignment Answers

- 1) 11.1% increase
- 2) 36% decrease
- 3) 60% increase
- 4) 16.2% increase
- 5) 257.1% increase
- 6) 170.8% increase
- 7) 44.8% decrease
- 8) 10% decrease; 11.1% increase