

## Percent of Change

$$\frac{\text{amount changed}}{\text{original amount}} = \frac{\%}{100}$$

1. Ted earned \$10 per hour last year. This year he is earning \$12 per hour, what percent increase did he receive?
2. Juan's bowling average was 120 last year, this year his average is 130, what percent increase of his average is that?
3. Maria's math average was 80 first semester, her scores increased by 10% during the second semester, what was her average second semester?
4. The enrollment at the local college increased from 4,000 students to 5000 students this year. What percent increase is that?
5. What is the percent decrease on a DVD that is marked down from \$200.00 to \$150.00?
6. The selling price of a home was dropped from \$200,000 to \$190,000. By what percent did the price drop?
7. Alex's lawn mowing company cut 20 lawns per week last year. This year, his company grew and is cutting 32 lawns per week, what percent increase is that?
8. Bob asked his employer for a 20% raise on his next contract. If his current contracted amount is \$60,000 per year, how much more money does he want from his employer?
9. The usual price on a new TV was \$800. During the Christmas holidays, the price of the TV was marked down to \$600. What percent decrease of the TV's being sold during the Christmas holidays?
10. The supervisor told her employees to mark every item in the store down 15%. If a watch was \$150, how much would a person save by buying the watch on sale for 15% off?