

## PERCENT OF CHANGE

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

**Find the percent of increase or decrease. Round to the nearest percent.**

1. Original weight, 120 lb.  
New weight, 125 lb.
  
2. Original price, \$12  
New price, \$13
  
3. Original number, 700  
New number, 650
  
4. Original price, \$299  
New price, \$249
  
5. Thumbtacks were packaged in sheets of 120. Now there are 150 on a sheet. What is the percent of increase?

6. Camp Granada had 75 campers for the first session. Now they have 59. What is the percent of decrease?
  
  
  
  
  
  
  
  
  
  
7. The population of a city grew from 75,000 to 100,000 in a ten-year period. Find the percent of increase.
  
  
  
  
  
  
  
  
  
  
8. Last year Mary spent \$156 on gifts. This year she increased her gift spending to \$200. Find the percent of increase.
  
  
  
  
  
  
  
  
  
  
9. Tom built a doghouse for \$15. He later sold it for \$21. What is Tom's percent of profit?
  
  
  
  
  
  
  
  
  
  
10. The Sunnyside Day Camp enrollment increased from 120 campers to 140 campers. Find the percent of increase.