

## Percents

### COMMISSION AND TIPS Percent Proportion

$$\frac{\textit{part}}{\textit{total}} = \frac{\%}{100}$$

Use percent proportion, fill in information and solve  
Or

When finding tips or commissions, multiply the percent by the total.

**Read carefully and solve.**

1. Mary sold \$192 worth of greeting cards. If she received 25% commission on all sales, how much commission did she receive?
2. A saleswoman's wages consist of \$80 per week and 5% commission. If her weekly sales amount was \$1650, find her total weekly wages?
3. Mr. Bannon sells roses at a commission rate of 20%. What is his commission for selling 240 dozen roses, priced at \$15.50 a dozen?

4. A shirt salesman receives 12.5% commission. How much does he earn for 12 dozen shirts priced at \$8.75 each?
  
  
  
  
  
  
  
  
  
  
5. Mr. Cunningham received \$360 commission for the sale of a boat. This was a rate of 10%. Find the price of the boat.
  
  
  
  
  
  
  
  
  
  
6. Leo's total bill at the Blue Lobster came to \$45.90. He wanted to leave a 20% tip. How much money would he need to leave for the tip?
  
  
  
  
  
  
  
  
  
  
7. After finishing his meal at the Silver Rush restaurant, Kevin was given a bill for \$8.75. He wanted to leave a 16% tip for his waitress. How much will the tip need to be?
  
  
  
  
  
  
  
  
  
  
8. Smitty won a jackpot of \$7500 at the new casino. He decided to give the change girl a tip of 5% of his jackpot. How much money did Smitty tip the change girl?

9. Al Bundy finally had a great day at the shoe store. He sold so many pairs of shoes that the store profited \$4000 in one day. Gary, his boss, decided to reward Al by giving him a tip of 8% of the day's profits. How much money did Al receive as a tip?
10. The bill for Moe's Drive-in came to \$18.50. How much money should be left as a tip if it is to be 18% of the bill?