



## 3.2 Practice

*Find the sales tax*

1. Selling price: \$50.00 Tax: 7%

2. Selling Price \$23.00 Tax: 4%

3. Your total bill at a restaurant costs \$65. You decide to tip 15%, what would the tip be? What would your final bill cost?

4. A salesperson earns 9% commission. If he makes a sell of \$18,500 what is his commission?

5. Using the information from number 4 how much would the company make on the sale?

6. You get a new job at your favorite clothing store. You have two options of being paid. Option A is an hourly wage of \$7.75. Option B is a commission of 19% commission. You plan on working 5 hours a day 5 days a week, and you estimate you can sell \$275.00 worth of clothing per day. Which option would make you more money?

7. A salesman works 20 hours per week where he has two options for being paid. Option A is an hourly wage of \$17. Option B is a commission rate of 6% on weekly sales. How much does he need to sell this week to earn the same amount with the two options?

8. A restaurant adds an 18% tip on the pre-tax bill when there is a large party. A group of 12 friends get their dinner bill of \$128.37. The tax is 4%. If the group splits the bill evenly how much does each person owe? Round to the nearest cent.

### Mixed Review

*State whether you are finding the part, percent, or whole and then solve.*

1. 19.8 is what percent of 36?

2. 36 is 72% of what number?

3. What is 44% of 175?

4. A couple buys and condo for \$180,000. They have a down payment of \$20,000. What percent is of the purchase price is this?

*Express each ratio as a fraction in simplest form.*

5. 6 pens to 14 pencils

6. 98 ants to 14 ladybugs

7. 3 inches to 3 feet

