

Finding the rate of a tax or commission: Worksheet 10.2

Name Date Score

1. The sales tax for an item was \$22.40 and it cost \$320 before tax. Find the sales tax rate. Write your answer as a percentage.
2. Find the sales tax rate if the sales tax on the purchase of a \$240 DVD player was \$15.60.
3. The sales tax on a \$1120 computer system is \$67.20. What is the sales tax rate?
4. A book salesman is paid a commission of \$720 when he sold \$18,000 worth of books in a month. What was the rate of commission paid for that month?
5. An automobile dealer sold a car for \$25,000. The sales tax on the car was \$2375. What was the rate of sales tax paid?
6. Mr. James paid \$46.30 for a carpet and an amount of \$4.63 as sales tax. What is the rate of sales tax?
7. Jason paid \$11.99 for a pair of shoes. The sales tax amounted to \$0.48. What was the rate of sales tax on the pair of shoes?
8. After eating at a restaurant, Mr. Hanson's bill is \$69.50 and sales tax is \$4.17. What is the rate of sales tax?
9. A salesperson has a goal to earn \$4,000 in April. He receives a base pay of \$1,500 per month and a commission for all sales in that month. At what rate of commission, will he have to sell \$15000 merchandise to meet his goal?
10. If the sales tax paid was \$24.30 in a city, how much is the rate of sales tax on an item that costs \$270?



Solutions: Worksheet 10.2

1. 7%
2. 6.5%
3. 6%
4. 4%
5. 9.5%
6. 10%
7. 4%
8. 6%
9. 16.67%
10. 9%

