

Notes ~ Tax, Tip, Commission, & Multiple Discount

- **EXAMPLE #1: Finding Sales Tax**

A video game costs \$34.98. The sales tax rate is 6%. Find the total cost.

A MP3 player is \$99.50. The sales tax rate is 5.5%. Find the total cost.

- **EXAMPLE #2: Finding Sales Tax and Tip**

The bill for dinner is \$22.58. The sales tax is 7.5%, and you want to leave a 20% tip. How much will you pay?

First, find the sales tax:

Second, find the tip:

Last, add the tax, tip, and bill together

You order a pizza that cost \$19.99 to be delivered. There is a 5% delivery fee, and you want to give the delivery guy a 15% tip. How much will you pay?

Commission: _____

- **EXAMPLE #3: Commission – Finding total earnings**

A salesperson has a salary of \$550. She also makes 4% commission on sales of \$1,485. Find the total earnings.

A car salesman has a salary of \$1,500. He also makes 3% commission. He has sold three cars for a total of \$75,000. Find the total earnings.

- **EXAMPLE #4: Multiple Discount**

A store buys bags for \$5.25 and marks them up 80%. The store discounts the bags that do not sell, at 30% off. Find the sales price of the bags.

While shopping at Lakeside Mall, you found an outfit that you wanted to buy that originally was \$56.80 on sale for 20% off. The store was having a shoppers' bonus sale that took an additional 40% off of the sales price. What did you have to pay for this outfit?

Tax, Tip, Commission, & Multiple Discount Worksheet

- **Directions: Find the total cost. You must show your work to receive credit! (Example #1)**

1) \$17.50 with a 7% sales tax

2) \$21.95 with a 4.25% sales tax

3) \$52.25 with an 8% sales tax

4) \$206.88 with a 5.75% sales tax

5) \$85.99 with a 7.5% sales tax

6) \$1,427.32 with a 6% sales tax

7) A store is selling a desk that costs \$182.99. In the state where you are shopping, the sales tax rate is 6%. You only have \$200 to spend. Do you have enough money for the desk? Also give the total cost.

- **Directions: Find the total payment, given the cost, tax rate, and tip rate. You must show your work to receive credit! (Example #2)**

8) \$28.60, 6.5% tax, 15% tip

9) \$85.24, 5% tax, 20% tip

10) \$56.30, 7% tax, 20% tip

11) \$213.50, 8.5% tax, 15% tip

12) You order pizza to be delivered. There is an 8% delivery fee, and you want to give the delivery person a 20% tip. If the pizza cost \$12.60, how much should you pay the delivery person?

- **Directions: Find the total earnings, given the salary, commission rate, and sales. You must show your work to receive credit! (Example #3)**

13) \$1,000 plus 6% on sales of \$2,000

14) \$390 plus 4% on sales of \$980

15) \$3,750 plus 5.5% on sales of \$18,200

16) \$150 plus \$4.25 on sales of \$630

- **Directions: Multiple Discounts – You must show your work to receive credit! (Example #4)**

17) A store buys purses for \$24.50 and then marks them up 25%. The store discounts the purses that do not sell at 10% off. Find the sales price of the purse.

18) You want to buy a television that is originally \$1,450 on sale for 15% off. The store is closing, so they take an additional 30% off of the sales price. How much will the television cost?

19) The regular price of a sofa is \$599.99. If there is a 20% discount and a 6% sales tax (based on the discounted price), how much will the sofa cost?

20) A store buys sweaters for \$32.15 and then marks them up 30%. Two weeks later, a celebrity is seen wearing the same sweater. The store decides to mark up the sweaters another 30%. You now want to buy the sweater. How much would have saved if you had bought the sweater before a celebrity was seen wearing it?
