

Name: _____

Date: _____

Aim: How can we use percent to find tax, tip and commission?

Do Now:

1.) Lunch cost \$34, but you had a coupon for the restaurant for 15% off. What was the cost of your lunch after the discount?

2.) Sam bought a shirt for \$60. If he had a coupon for 20% off, what is the new price of the shirt?

3.) If the regular price of an item is \$54 and the store has it marked down to \$30, find the markdown rate to the nearest percent?

4.) A \$2,000 computer is on sale at 20% off.

a.) What is the amount of discount in dollars?

b.) What is the sales price?

c.) If the sales tax is now 7.5%, find the dollar amount of tax that will be applied to the sales price.

d.) What is the final cost of the computer?

Tax: _____

Gratuity/Tip: _____

Markup: _____

Commission: _____

PRACTICE:

1. The car salesman earns 12% commission. If he sells cars totaling \$7,800, how much does the car salesman earn?
2. The shoe salesperson at Nordstroms work on commission. If she sells shoes that total \$850 and earns \$76.50 in commission, what % of the sales did she earn?
3. The sticker price of a used car is \$15,800. If the sales tax is 8%, what is the total cost?
4. A bill for a meal is \$21.75. Find the total cost if the customer leaves a 15% tip.
5. If you go out to eat and your family dinner totals \$68.20, and you decide to leave a tip of \$13.50, would that be reasonable (assuming 15-20% is reasonable)? Show math to support your answer.
6. When you purchased a sweater for \$35.00, you paid \$3.06 in sales tax. What was the % of tax rate that you paid?
7. You and your friends went out to dinner. The bill, **before** sales tax and tip, was \$85.50. A sales tax of 8% was added. You and your friends then tipped 20% on the amount **after** the sales tax was added. What was the amount, in dollars, of the sales tax? What was the total amount paid, including tax and tip?