

**Using Percent to Calculate Sales Tax and Discounts**

**Sales Tax** – Increases the amount paid (add on)    **Discounts** – Result in a lower price (subtract)

*Clearly show ALL your work. Circle the final answer.*

1. Ayla bought 3 pairs of earrings at \$5 each. Taxes in BC total 12%.
  - a. How much tax did she pay?
  
  
  
  
  
  
  
  
  
  
  - b. What was the total she paid to the store?
  
  
  
  
  
  
  
  
  
  
2. Chris went shopping and bought 6 muffins at \$1.19 each.
  - a. If tax on food is 5%, how much tax did Chris pay?
  
  
  
  
  
  
  
  
  
  
  - b. What was his total bill, including taxes?
  
  
  
  
  
  
  
  
  
  
3. You have to pay an environmental tax of 1.5% when buying tires. If the tires sell for \$85 and you need four new tires
  - a. What is the total before taxes?
  
  
  
  
  
  
  
  
  
  
  - b. Taxes in BC are 12% plus the environmental tax. What is the total tax paid?
  
  
  
  
  
  
  
  
  
  
  - c. What is the total you owe the tire store?



7. a. At KamCity High school there are 1235 students. If 52.4% of the students are girls, and 61% of the girls own an iPhone, how many girls at KamCity High own an iPhone?

b. How many girls don't own an iPhone?

8. You are shopping for a new watch. The one you want is \$160.00 Your mom said it's too much money and she will only give you \$100 for a watch. If you have \$35 of your own money and the watch is on sale for 20% off do you have enough money to pay for the watch?

9. Billy Bob's Summer Shop is clearing out their bathing suits because winter is approaching. All old bathing suits are on a 25% off sale. If you shop \*this weekend only\* you will save an additional 15%. You find a bathing suit that you love with an original price tag of \$45.99.  
*Find the total sale price (IT IS NOT JUST 40% OFF – you need two steps) before and after taxes.*

10. Pepsi is having a promotion on their 2 litre size of pop bottles. If you buy 5 bottles, you save 35%. Save-on has additional sale of 10% off on Pepsi products this week. If each 2L bottle of Pepsi regularly costs \$3.49, what will you pay for 5 bottles after the cashier deducts both discounts but includes 5% taxes?

11. Your bill at Earls is \$45.89 after taxes, but you want to include a 20% tip.

a. How much is the tip?

b. What is your whole bill?

12. You want to buy a new truck. You need 25% of the purchase price and \$450 for the first monthly payment. The truck costs \$13,599 plus 12% taxes, and you have \$3200 saved.

a. What is the total after taxes?

b. What is the 25% down payment? Can you afford the down payment and first payment?