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## 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 $B C$ 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 $B C$ are $12 \%$ plus the environmental tax. What is the total tax paid?
c. What is the total you owe the tire store?
4. Kim loves to shop for shoes. Her favourite shoe store is having a $20 \%$ off sale. The new shoes she wants to buy cost $\$ 55.95$.
a. What will her discount be?
b. What will she owe the store?
5. Jayson works at a fitness store. He has an employee discount of $45 \%$ on products. If he wants to buy a new water bottle that costs $\$ 22.99$
a. How much is his store discount?
b. What will the cost of the water bottle be after the discount?
6. Melody is saving her money for a new guitar. The one she wants is $\$ 1150$. The guitar is a on a $10 \%$ off sale this weekend and she has $\$ 1100$ saved.
a. What is the sale price of the guitar?
b. Does she have enough money to buy the guitar?
c. If taxes are $12 \%$, what will the total cost of the new guitar be, including taxes?
d. Does she still have enough money to buy the guitar?
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 2 L 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?
