

## Chapter 2 Gifted and Enrichment

<p><b>1.</b> Create a grocery list for all meals and snacks for yourself for a week. Determine the total cost of your groceries. You will need to include any tax, deposits, and recycling fees.</p>	<p><b>2.</b> You live on your own in an apartment. Plan a monthly budget for yourself. What are all the basic expenses related to living on your own? What other expenses might you add? What is the total cost?</p>																								
<p><b>3.</b> Create a shopping list of clothes you would like to buy and identify the cost of each item. Find the total cost of the items and determine the tax you have to pay on each item. Use a PST rate of 7% and a GST rate of 5%. Is there a difference in total cost between buying the items separately and buying them together? If so, what is the difference?</p>																									
<p><b>4.</b> You are planning a party and need the items below. What will be the total cost?</p> <ul style="list-style-type: none"> <li>• 5 bags of chips at \$2.99 each + PST</li> <li>• 4 boxes of crackers at \$3.19 each</li> <li>• 0.8 kg cheddar cheese at \$0.79 per 100 g</li> <li>• 0.75 kg mozzarella cheese at \$1.29 per 100 g</li> <li>• 0.6 kg Monterey Jack cheese at \$1.47 per 100 g</li> <li>• 6 bags of nacho chips at \$4.08 per bag + PST</li> <li>• 24 cans of cola at 6 cans for \$1.49 + PST</li> <li>• 18 cans of ginger ale at 6 cans for \$1.89 + PST</li> </ul> <div data-bbox="459 1165 824 1423" style="border: 1px solid black; border-radius: 50%; padding: 10px; width: fit-content; margin: 10px auto;"> <p>Use a PST rate of 5%. For the pop, you will need to add a deposit of \$0.05 per can, and a recycling fee of \$0.04 per can.</p> </div>	<p><b>5.</b> Lena and her three friends are going on a camping trip. Lena buys the following groceries:</p> <ul style="list-style-type: none"> <li>• 8 hotdog buns at \$0.25 each</li> <li>• 8 wieners at \$0.62 each</li> <li>• 2 boxes of pancake mix at \$4.12 each</li> <li>• 2 bags of powdered milk at \$4.57 each</li> <li>• 3 packages of bacon at \$3.76 each</li> <li>• 4 boxes of macaroni and cheese at \$0.79 each</li> <li>• 4 tomatoes (247 g) at \$0.98 per 100 g</li> <li>• 1 lettuce (376 g) at \$0.38 per 100 g</li> <li>• 6 carrots (305 g) at \$0.46 per 100 g</li> </ul> <p>Lena, Sara, and Josie will share the cost equally but Mary will pay only half as much as everyone else since she is buying other items for the trip. How much will each person pay?</p>																								
<p><b>6.</b> Abraham, Ahmad, and Matthew are training for a swim meet. The chart below shows how their times have improved over the training period. Who has improved the most over the training period, based on percent improvement?</p>																									
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