Taxes
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- A percentage of the cost of the item
  - The higher the cost, the more taxes are paid
- GST or PST or HST

Ex #1

(a) Taxes? Costs $179.99

\[
\begin{align*}
\text{GST} & = 0.05 \\
\text{PST} & = 0.06
\end{align*}
\]

\[
\frac{6}{100} = 0.06 \quad \frac{5}{100} = 0.05
\]

\[
0.06 + 0.05 = 0.11
\]

\[
179.99 \times 0.11 = 19.80
\]

GST = 0.05 \times 179.99 = 8.99

PST = 0.06 \times 179.99 = 10.80

\[
\boxed{19.80}
\]

(b) Total cost?

\[
179.99 + 19.80 = 199.79
\]
ASSIGNMENT 13 – TAXES

1) What would the taxes be for a jacket that is listed at $99.95 in Nunavut, where the only tax is 5% GST?

\[ 99.95 \times 0.05 = \$4.9975 \approx \$5.00 \]

2) Tara is buying a new car in Winnipeg, Manitoba for $22,599. How much will each of the taxes be if the PST is 7% and the GST is 5%?

\[
\begin{align*}
\text{PST: } & \quad \$1,581.93 \\
\text{GST: } & \quad \$1,129.95
\end{align*}
\]

3) A return flight from Cranbrook, B.C. to Vancouver, B.C. costs $372.00. How much will the taxes be if the HST is 12%? What will the total cost of the ticket, including these taxes?

\[
\begin{align*}
\text{HST: } & \quad \$44.64 \\
\text{Total: } & \quad \$416.64
\end{align*}
\]

4) Find the total cost of a washing machine that is sold for $944.98 in Saskatchewan, where the PST is 6% and the GST is 5%.

\$1,048.93

5) A pair of jeans has a wholesale cost of $30. The jeans are marked up by 125%.

a) What is the dollar amount of the markup?

\$37.50

b) What is the retail cost of these jeans?

\$67.50
c) The tax rates are 5% GST and 8.5% PST. What are the taxes on the pair of jeans?

\[ \text{GST} = 3.38 \quad \text{PST} = 5.74 \]

d) What is the final cost, including taxes?

\[ \$76.62 \]

5) The markup on a restaurant meal is 250%. A meal costs $7.25 to produce. How much will the customer be charged, after the markup, and then 5% GST are applied?

\[
\begin{align*}
\text{markup} & : \$18.13 \\
\text{meal} & : \$25.38 \\
\text{taxes} & : \$1.27 \\
\text{cost} & : \$26.65
\end{align*}
\]