## Foreign Currencies and Exchange Rates Practice

| **Ratio Method:** | **Cross-multiplication method:** |
|---|---|
| $1\ Canadian\ Dollar : 0.57\ British\ Pounds$<br>$\$100\ Canadian\ Dollars : x$<br><br>Multiply both sides by 100.<br>$= 0.57 \times 100$<br>$= £57\ British\ Pounds$ | $\dfrac{1\ Canadian\ Dollar}{0.57\ British\ Pounds} = \dfrac{\$100\ Canadian\ Dollars}{x}$<br><br>$(1)(x) = (\$100)(0.57)$<br>$x = £57$ |

1. Amanda wants to travel from Halifax, Canada to Boston, USA. She has $1,000 Canadian Dollars (CAD) that she will convert into US Dollars (USD). Today's exchange rate is 1 CAD = 0.80 USD. How much USD will Amanda have for her trip?

2. John has $200 CAD and he wants to convert his money into Mexican Peso (MXN). Today, the exchange rate is 1 CAD = 15.75 MXN. How much money in Mexican Peso will John have?

3. Sahar is traveling back to Canada from her trip in Europe. She has €200 (200 Euros) left from her trip, and she wants to convert it back into CAD. Today's exchange rate is 1 Euro = 1.50 CAD. How much CAD will Sahar get?

4. Rafiq has relatives who live in India and they kindly sent him ₹5,000 (5,000 Indian Rupees). He wants to convert the Rupees into CAD. Today's exchange rate is 1 Indian Rupee = 0.017 CAD.

**Advanced**

5. Charlene is flying back to Canada from her trip in China. She has ¥1,000 (1,000 Chinese Yuan) left from her trip, and she wants to convert it back into CAD. Today's exchange rate is 1 CAD = 5.10 Chinese Yuan. How much CAD will Charlene get?

6. Troy is traveling to Britain and budgeted $1,500 CAD for his trip. He wants to convert the money into British Pounds (GBP). Today's exchange rate is 1 GBP = 1.75 CAD. How much money in GBP will Troy get?

**Foreign Currencies and Exchange Rates**
**Teacher's Answer Key**

1. $800 USD

2. Mex$3,150

3. $300 CAD

4. $85 CAD

**Advanced**

5. The exchange rate is given with CAD as the base currency. We must find the exchange rate with Chinese Yuan as the base currency.

   Divide both sides of the ratio by 5.10 Yuan:

   $$\frac{1\ CAD\big/5.10\ Yuan}{5.10\ Yuan\big/5.10\ Yuan} = \frac{0.196\ CAD}{1\ Yuan}$$

   Alternatively, find the reversed exchange rate by dividing the ratio: $\frac{1\ CAD}{5.10\ Yuan} = 0.196$

   $(¥1,000)(0.196) = \$196\ CAD$

6. Find the exchange rate with CAD as the base currency.

   $$\frac{1\ GBP\big/1.75\ CAD}{1.75\ CAD\big/1.75\ CAD} = \frac{0.57\ GBP}{1\ CAD}$$

   Or, $\frac{1\ GBP}{1.75\ CAD} = 0.57$

   $(\$1,500)(0.57) = £855$