Currency system of money a country uses

Exchange Rate the $ of a country’s currency in terms of another nation’s currency

Selling Rate the rate at which a currency exchange sells $ to its customers.

buying rate: the rate at which a currency exchange buys $ from customers.

Ex. #1

$ CAD → $ Ven.

the exchange rate between the 2 currencies is used to calculate dollars.

the exchange rate fluctuates from day to day.

Ex. #2

$ CAD → euros

you will pay the selling rate (bank is selling euros to you)

leftover euros → $ CAD...

you will receive the buying rate when you convert back (bank is buying them back from you)

Ex. #3

$ 500 CAD → ?? USD
1) Using the exchange rates given, calculate what each foreign currency is worth in Canadian dollars.

a) 4000 Danish kroner when 1 kr = 0.221778 CAD

\[
4000 \text{ kr} \times \frac{0.221778 \text{ CAD}}{1 \text{ kr}} = \$887.11 \text{ CAD}
\]

Ex. \#4

\[
\frac{4000 \text{ Danish kroner}}{1 \text{ kr}} \rightarrow \frac{\text{ ?? CAD}}{1 \text{ kr}} = \$887.11 \text{ CAD}
\]

b) 2200 Euros when 1 € = 1.644814 CAD

\[
2200 \text{ €} \times \frac{1.644814 \text{ CAD}}{1 \text{ €}} = \$3618.59 \text{ CAD}
\]

c) 25 000 Chinese yuan when 1 ¥ = 0.133451 CAD

\[
25000 \text{ ¥} \times \frac{0.133451 \text{ CAD}}{1 \text{ ¥}} = \$3336.28 \text{ CAD}
\]

Ex. \#5

The selling rate for the Danish Krone compared to the CAD is 0.221778. How many kroner will you get for $500 CAD?

\[
\frac{500 \text{ CAD}}{0.221778 \text{ CAD}} = 2254.49 \text{ Kr}
\]

ASSIGNMENT 17 – CURRENCY EXCHANGE RATES

1) Using the exchange rates given, calculate what each foreign currency is worth in Canadian dollars.

a) 4000 Danish kroner when 1 kr = 0.221778 CAD

\[
4000 \text{ kr} \times \frac{0.221778 \text{ CAD}}{1 \text{ kr}} = \$887.11 \text{ CAD}
\]

b) 2200 Euros when 1 € = 1.644814 CAD

\[
2200 \text{ €} \times \frac{1.644814 \text{ CAD}}{1 \text{ €}} = \$3618.59 \text{ CAD}
\]

c) 25 000 Chinese yuan when 1 ¥ = 0.133451 CAD

\[
25000 \text{ ¥} \times \frac{0.133451 \text{ CAD}}{1 \text{ ¥}} = \$3336.28 \text{ CAD}
\]
2) If one Canadian dollar (CAD) is worth 0.5911 British pounds sterling (£), calculate how many pounds sterling you would get for $200 CAD.

\[
\text{£} \frac{200 \text{ CAD}}{1} \times \frac{0.5911 \text{ £}}{1 \text{ CAD}} = 118.22 \text{ £}
\]

3) Ray purchased some auto parts from Hungary. If the exchange rate is 1 CAD to 180.0779 Hungarian forints (Ft), how many forints will he receive for his $500 CAD?

\[
? \frac{\text{Ft}}{1} \times \frac{180.0779 \text{ Ft}}{1 \text{ CAD}} = 90,038.95 \text{ Ft}
\]

4) Using the exchange rates given, calculate how much foreign currency you would receive for $200 CAD.

a) $1 CAD = 1.72904 Brazilian reals

\[
\frac{200 \text{ CAD}}{1} \times \frac{1.72904 \text{ Br}}{1 \text{ CAD}} = 345.81 \text{ CAD}
\]

b) $1 CAD = 8.71137 Moroccan dirhams

\[
\frac{200 \text{ CAD}}{1} \times \frac{8.71137 \text{ MD}}{1 \text{ CAD}} = 1742.27 \text{ CAD}
\]

c) $1 CAD = 3.19889 Polish zloty

\[
\frac{200 \text{ CAD}}{1} \times \frac{3.19889 \text{ PLZ}}{1 \text{ CAD}} = 639.78 \text{ CAD}
\]

5) On a particular day, the exchange rate for converting a Canadian dollar to Euros is 0.7180. How many Euros would you get for $300 CAD?

\[
\frac{300 \text{ CAD}}{1} \times \frac{0.7180 \text{ €}}{1 \text{ CAD}} = 215.40 \text{ €}
\]
ASSIGNMENT 18 – MORE CURRENCY EXCHANGE RATES

1) Dianne works in a bank. A customer wishes to buy 250 British pounds at a rate of 1.5379 CAD. How many Canadian dollars would the British pounds cost?

\[
? \text{ CAD} \times \frac{250}{1.5379} = 163.8448 \text{ CAD}
\]

2) If the exchange rate is 0.1736 between Norwegian krone and the Canadian dollar, what would the price be in Canadian dollars of an item that cost 275 krone?

\[
275 \text{ kr} \times \frac{0.1736 \text{ CAD}}{1 \text{ kr}} = 47.74 \text{ CAD}
\]

3) If a 1L bottle of pure maple syrup costs $18.99 in Canada, what would the cost be for a tourist with Japanese yen when the exchange rate is 0.007855?

\[
18.99 \text{ CAD} \times \frac{1 \text{ ¥}}{0.007855} = 2426.94 \text{ ¥}
\]

4) On a particular day, the selling rate of a Euro (€) is 1.4768 and the buying rate is 1.4287. How much would a transaction cost if you exchanged $1000 CAD for Euros and then converted them back to CAD$ on the same day? Show all steps.

\[
\text{SELLING RATE:} \quad 1000 \text{ CAD} \times \frac{1 \text{ €}}{1.4768} = 677.14 \text{ €}
\]

\[
677.14 \text{ €} \times \frac{1.4287 \text{ CAD}}{1 \text{ €}} = 967.43 \text{ CAD}
\]

\[
1000 - 967.43 = 32.57 \text{ CAD}
\]