

# Currency Exchange Rates

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Currency system of money a country uses

Exchange Rate the \$ of a countries currency in terms of another nations currency

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

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

Ex. #1

- \$ CAD  $\rightarrow$  Yen
- # the exchange rate between the 2 currencies is used to calculate dollars
- # the exchange rate fluctuates from day to day

Ex. #2

- \$ CAD  $\rightarrow$  euros
- # you will pay the selling rate (bank is selling euros to you)

.. leftover euros  $\rightarrow$  \$ CAD...

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

Ex. #3

\$ 500 CAD  $\rightarrow$  ?? USD

1 CAD, is worth 0.94192 of an American dollar.

$$\cancel{\$ 500 \text{ CAD}} \times \frac{0.94192 \text{ USD}}{1 \cancel{\text{ CAD}}} = \boxed{\$ 470.96 \text{ USD}}$$

Ex. #4

4000 Danish Kroner  $\rightarrow$  ?? CAD  
1 Kr = 0.22178 CAD

$$4000 \cancel{\text{ Kr}} \times \frac{0.22178 \text{ CAD}}{1 \cancel{\text{ Kr}}} = \boxed{\$ 887.11 \text{ CAD}}$$

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?

$$?? \text{ Kr} \quad \$ 500 \text{ CAD} \times \frac{1 \text{ Kr}}{0.221778 \text{ CAD}} = \boxed{2254.49 \text{ Kr}}$$

SELLING  
RATE

#### 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

$$4000 \cancel{\text{ Kr}} \times \frac{0.221778 \text{ CAD}}{1 \cancel{\text{ Kr}}} = \boxed{\$ 887.11 \text{ CAD}}$$

b) 2200 Euros when 1 € = 1.644814 CAD

$$2200 \cancel{\text{ €}} \times \frac{1.644814 \text{ CAD}}{1 \cancel{\text{ €}}} = \boxed{\$ 3618.59 \text{ CAD}}$$

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

$$25000 \cancel{\text{ ¥}} \times \frac{0.133451 \text{ CAD}}{1 \cancel{\text{ ¥}}} = \boxed{\$ 3336.28 \text{ CAD}}$$

2) If one Canadian dollar (CAD) is worth 0.5911 British pounds sterling (£), calculate how many pounds sterling you would get for \$200 CAD.

$$? \text{ £ } ? \quad \$ 200 \text{ CAD} \times \frac{0.5911 \text{ £}}{1 \text{ CAD}} = \boxed{118.22 \text{ £}}$$

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?

$$? \text{ Ft } ? \quad \$ 500 \text{ CAD} \times \frac{180.0779 \text{ Ft}}{1 \text{ CAD}} = \boxed{90038.95 \text{ Ft}}$$

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

a) \$1 CAD = 1.72904 Brazilian reals

$$\cancel{\$ 200 \text{ CAD}} \times \frac{1.72904 \text{ Br}}{1 \text{ CAD}} = \boxed{\$ 345.81 \text{ CAD}}$$

b) \$1 CAD = 8.71137 Moroccan dirhams

$$\cancel{\$ 200 \text{ CAD}} \times \frac{8.71137 \text{ MD}}{1 \text{ CAD}} = \boxed{\$ 1742.27 \text{ CAD}}$$

c) \$1 CAD = 3.19889 Polish zloty

$$\cancel{\$ 200 \text{ CAD}} \times \frac{3.19889 \text{ Pz}}{1 \text{ CAD}} = \boxed{\$ 639.78 \text{ CAD}}$$

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?

$$\cancel{\$ 300 \text{ CAD}} \times \frac{0.7180 \text{ €}}{1 \text{ CAD}} = \boxed{215.40 \text{ €}}$$

## 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?

$$? \text{ CAD} \quad 250 \cancel{\text{ £}} \times \frac{1.5379 \text{ CAD}}{1 \cancel{\text{ £}}} = \boxed{\$384.48 \text{ CAD}}$$

- 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?

$$275 \cancel{\text{ kr}} \times \frac{0.1736 \text{ CAD}}{1 \cancel{\text{ kr}}} = \boxed{\$47.74 \text{ CAD}}$$

- 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 0.009855?

$$\$18.99 \text{ CAD} \times \frac{1 \text{ ¥}}{0.009855} = \boxed{\$1926.94 \text{ ¥}}$$

- 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.

$$1000 \cancel{\text{ CAD}} \times \frac{\text{SELLING RATE } 1 \text{ €}}{1.4768 \cancel{\text{ CAD}}} = 677.14 \text{ €}$$

$$677.14 \cancel{\text{ €}} \times \frac{1.4287 \text{ CAD}}{1 \cancel{\text{ €}}} = 967.43$$

BUYING RATE

$$1000 - 967.43 = \boxed{\$32.57 \text{ CAD}}$$