

Lesson 3

Calculating Currency Exchange

1. Dalton wants to purchase a handheld GPS system for hiking. He found the item he needs on an American website, where it is listed for \$194.99 USD. He then found the exact same item on a Canadian website, where it was listed for \$249.99 CAD. Do these two items cost the same?

Step 1: Set up the ratios. Change the American price to Canadian funds for a fair comparison.

$$\frac{\$1 \text{ CAD}}{\$0.91 \text{ USD}} = \frac{x \text{ CAD}}{\$ \underline{\hspace{1cm}} \text{ USD}}$$

Step 2: Solve for the unknown value.

2. Kurt wants to buy his mom some perfume from Europe. He found her favourite brand for €27.95. What is the price, in Canadian funds?