

► Extending Concepts

Exchange Rates The table shows a sample of currency exchange rates for November 2010. In Exercises 21–24, use the table.

Currency	From U.S. Dollars to Foreign Currency	From Foreign Currency to U.S. Dollars
British pound	$\$1 = \text{£}0.6325$	$\text{£}1 = \$1.5813$
European euro	$\$1 = \text{€}0.7465$	$\text{€}1 = \$1.3396$
Canadian dollar	$\$1 = \text{C}\1.0239	$\text{C}\$1 = \0.9767
Mexican peso	$\$1 = \text{Mex}\12.4823	$\text{Mex}\$1 = \0.0801
Japanese yen	$\$1 = \text{¥}83.065$	$\text{¥}1 = \$0.012$
Indian rupee	$\$1 = \text{Rs. } 45.81$	$\text{Rs. } 1 = \$0.0218$



21. **Online Shopping** You order a product from a British website. The list price is £223. How much does the product cost in U.S. dollars?
22. **Carry-on Luggage** In Germany, an airline charges an extra €10 for each additional kilogram of carry-on luggage over 10 kilograms. Your carry-on luggage weighs 26.5 pounds. How much extra can you expect to pay in U.S. dollars?
23. **Gas Station** A gas station in Mexico City charges Mex\$7.73 for a liter of gasoline. Your car's 23-gallon tank is almost empty. How much will it cost in U.S. dollars to fill the tank?
24. **Traveling Around the World** You are in the United States and plan to travel to several other countries. You have \$3000 in cash.
 - a. Your first destination is Canada. Convert your cash to Canadian dollars.
 - b. You leave Canada for Great Britain with C\$2800. Convert this to British pounds.
 - c. You depart from Great Britain for Spain with 1400 British pounds. Convert this to European euros.
 - d. Your next stop is India. After your time in Spain, you have 1000 euros. Convert this to Indian rupees.
 - e. From India, you leave for Japan. You have 50,000 rupees after your time in India. Convert this to Japanese yen.
 - f. You return to the United States with 80,000 Japanese yen. Convert this to U.S. dollars. How much money did you spend total?

