## Solve each problem.

Answers
Ex) For each kilogram there are 1,000 grams. This can be expressed using the equation $y \times$ $1,000=\mathrm{Z}$, where y is equal to the number of kilogram and Z is equal to the total number of grams. Using this equation find the total grams in 4 kilograms.

1) Every dollar is 4 quarters. This can be expressed using the equation $y \times 4=Z$, where $y$ is equal to the number of dollars and Z is equal to the total number of quarters. Using this equation find the total quarters in 3 dollars.
2) Every quarter is 25 pennies. This can be expressed using the equation $\mathrm{y} \times 25=\mathrm{Z}$, where y is equal to the number of quarters and Z is equal to the total number of pennies. Using this equation find the total pennies in 5 quarters.
3) Every gallon is 4 quarts. This can be expressed using the equation $y \times 4=Z$, where $y$ is equal to the number of gallons and Z is equal to the total number of quarts. Using this equation find the total quarts in 8 gallons.
4) Every liter is 1,000 milliliters. This can be expressed using the equation $y \times 1,000=\mathrm{Z}$, where y is equal to the number of liters and Z is equal to the total number of milliliters. Using this equation find the total milliliters in 10 liters.
5) Every quart is 2 pints. This can be expressed using the equation $y \times 2=Z$, where $y$ is equal to the number of quarts and Z is equal to the total number of pints. Using this equation find the total pints in 6 quarts.
6) Every dollar is 100 pennies. This can be expressed using the equation $y \times 100=Z$, where y is equal to the number of dollars and Z is equal to the total number of pennies. Using this equation find the total pennies in 3 dollars.
7) For each pound there are 16 ounces. This can be expressed using the equation $y \times 16=Z$, where y is equal to the number of pounds and Z is equal to the total number of ounces. Using this equation find the total ounces in 2 pounds.
8) Every pint is 2 cups. This can be expressed using the equation $y \times 2=Z$, where $y$ is equal to the number of pints and Z is equal to the total number of cups. Using this equation find the total cups in 6 pints.
9) Every meter is 100 centimeters. This can be expressed using the equation $y \times 100=Z$, where y is equal to the number of meters and Z is equal to the total number of centimeters. Using this equation find the total centimeters in 4 meters.
10) Every kilometer is 1,000 meters. This can be expressed using the equation $y \times 1,000=Z$, where y is equal to the number of kilometers and Z is equal to the total number of meters. Using this equation find the total meters in 5 kilometers.
11) Every dollar is 10 dimes. This can be expressed using the equation $\mathrm{y} \times 10=\mathrm{Z}$, where y is equal to the number of dollars and Z is equal to the total number of dimes. Using this equation find the total dimes in 4 dollars.
12) Every foot is 12 inches. This can be expressed using the equation $y \times 12=Z$, where $y$ is equal to the number of feet and Z is equal to the total number of inches. Using this equation find the total inches in 4 feet.

Ex. 4,000
1.
2.
3.
4.
5.
6.
7. $\qquad$
8. $\qquad$
9. $\qquad$
10. $\qquad$
11. $\qquad$
12. $\qquad$

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Ex. $\quad 4,000$

1. $\quad 12$
2. $\quad 125$
3. $\qquad$
4. 

10,000
5.

12
6. 300
7. $\qquad$
8.
9. $\qquad$
10. $\qquad$
11. $\qquad$
12. $\qquad$

