



**Solve each problem.**

- Ex)** Every quarter is 5 nickels. Write an equation to express the total number of nickels (Z) in (y) quarters.
- 1)** Every quarter is 25 pennies. Write an equation to express the total number of pennies (Z) in (y) quarters.
- 2)** Every centimeter is 10 millimeters. Write an equation to express the total number of millimeters (Z) in (y) centimeters.
- 3)** Every gallon is 4 quarts. Write an equation to express the total number of quarts (Z) in (y) gallons.
- 4)** Every meter is 100 centimeters. Write an equation to express the total number of centimeters (Z) in (y) meters.
- 5)** Every kilometer is 1,000 meters. Write an equation to express the total number of meters (Z) in (y) kilometers.
- 6)** Every foot is 12 inches. Write an equation to express the total number of inches (Z) in (y) feet.
- 7)** Every liter is 1,000 milliliters. Write an equation to express the total number of milliliters (Z) in (y) liters.
- 8)** Every pint is 2 cups. Write an equation to express the total number of cups (Z) in (y) pints.
- 9)** Every dollar is 100 pennies. Write an equation to express the total number of pennies (Z) in (y) dollars.
- 10)** Every dollar is 4 quarters. Write an equation to express the total number of quarters (Z) in (y) dollars.
- 11)** Every dollar is 10 dimes. Write an equation to express the total number of dimes (Z) in (y) dollars.
- 12)** Every yard is 3 feet. Write an equation to express the total number of feet (Z) in (y) yards.
- 13)** For each pound there are 16 ounces. Write an equation to express the total number of ounces (Z) in (y) pounds.
- 14)** For each kilogram there are 1,000 grams. Write an equation to express the total number of grams (Z) in (y) kilograms.
- 15)** Every quart is 2 pints. Write an equation to express the total number of pints (Z) in (y) quarts.

**Answers**

- Ex.  $y \times 5 = Z$
- 1. \_\_\_\_\_
- 2. \_\_\_\_\_
- 3. \_\_\_\_\_
- 4. \_\_\_\_\_
- 5. \_\_\_\_\_
- 6. \_\_\_\_\_
- 7. \_\_\_\_\_
- 8. \_\_\_\_\_
- 9. \_\_\_\_\_
- 10. \_\_\_\_\_
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**Answers**

- Ex.  $y \times 5 = Z$
1.  $y \times 25 = Z$
  2.  $y \times 10 = Z$
  3.  $y \times 4 = Z$
  4.  $y \times 100 = Z$
  5.  $y \times 1,000 = Z$
  6.  $y \times 12 = Z$
  7.  $y \times 1,000 = Z$
  8.  $y \times 2 = Z$
  9.  $y \times 100 = Z$
  10.  $y \times 4 = Z$
  11.  $y \times 10 = Z$
  12.  $y \times 3 = Z$
  13.  $y \times 16 = Z$
  14.  $y \times 1,000 = Z$
  15.  $y \times 2 = Z$