

**Solve each problem.****Answers**

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

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

**Solve each problem.**

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

Answers

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