

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

Ex) Every dollar is 100 pennies. Write an equation to express the total number of pennies (Z) in (y) dollars.

Ex. $y \times 100 = Z$

1) Every centimeter is 10 millimeters. Write an equation to express the total number of millimeters (Z) in (y) centimeters.

1. _____

2) Every pint is 2 cups. Write an equation to express the total number of cups (Z) in (y) pints.

2. _____

3) For each kilogram there are 1,000 grams. Write an equation to express the total number of grams (Z) in (y) kilograms.

3. _____

4) Every foot is 12 inches. Write an equation to express the total number of inches (Z) in (y) feet.

4. _____

5) Every quarter is 5 nickels. Write an equation to express the total number of nickels (Z) in (y) quarters.

5. _____

6) Every cup is 8 ounces. Write an equation to express the total number of ounces (Z) in (y) cups.

6. _____

7) Every quart is 2 pints. Write an equation to express the total number of pints (Z) in (y) quarts.

7. _____

8) Every yard is 3 feet. Write an equation to express the total number of feet (Z) in (y) yards.

8. _____

9) For each pound there are 16 ounces. Write an equation to express the total number of ounces (Z) in (y) pounds.

9. _____

10) Every quarter is 25 pennies. Write an equation to express the total number of pennies (Z) in (y) quarters.

10. _____

11) Every liter is 1,000 milliliters. Write an equation to express the total number of milliliters (Z) in (y) liters.

11. _____

12) Every dollar is 10 dimes. Write an equation to express the total number of dimes (Z) in (y) dollars.

12. _____

13) Every gallon is 4 quarts. Write an equation to express the total number of quarts (Z) in (y) gallons.

13. _____

14) Every meter is 100 centimeters. Write an equation to express the total number of centimeters (Z) in (y) meters.

14. _____

15) Every dollar is 4 quarters. Write an equation to express the total number of quarters (Z) in (y) dollars.

15. _____

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- 13) Every gallon is 4 quarts. Write an equation to express the total number of quarts (Z) in (y) gallons.
- 14) Every meter is 100 centimeters. Write an equation to express the total number of centimeters (Z) in (y) meters.
- 15) Every dollar is 4 quarters. Write an equation to express the total number of quarters (Z) in (y) dollars.

Answers

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