

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

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

Ex. $y \times 1,000 = Z$

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

1. _____

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

2. _____

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

3. _____

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

4. _____

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

5. _____

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

6. _____

7) Every kilometer is 1,000 meters. Write an equation to express the total number of meters (Z) in (y) kilometers.

7. _____

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

8. _____

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

9. _____

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

10. _____

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

11. _____

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

12. _____

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

13. _____

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

14. _____

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

15. _____

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- 14) Every cup is 8 ounces. Write an equation to express the total number of ounces (Z) in (y) cups.
- 15) Every gallon is 4 quarts. Write an equation to express the total number of quarts (Z) in (y) gallons.

Answers

Ex. $y \times 1,000 = Z$

1. $y \times 2 = Z$

2. $y \times 1,000 = Z$

3. $y \times 5 = Z$

4. $y \times 12 = Z$

5. $y \times 16 = Z$

6. $y \times 2 = Z$

7. $y \times 1,000 = Z$

8. $y \times 25 = Z$

9. $y \times 10 = Z$

10. $y \times 3 = Z$

11. $y \times 100 = Z$

12. $y \times 100 = Z$

13. $y \times 10 = Z$

14. $y \times 8 = Z$

15. $y \times 4 = Z$