



Solve each problem.

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

Answers

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

**Solve each problem.**

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

Answers

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