Solve each problem.

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

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

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

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

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

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

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

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

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

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

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

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

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

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

1. _____

2. _____

3. _____

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5. _____

6. _____

7. _____

8. _____

9. _____

10. _____

11. _____

12. _____

13. _____

14. _____

15. _____

Solve each problem.

Answers

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

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

1. $y \cdot 2 = Z$

2. $y \cdot 8 = Z$

3. $y \cdot 1{,}000 = Z$

4. $y \cdot 16 = Z$

5. $y \cdot 3 = Z$

6. $y \cdot 12 = Z$

7. $y \cdot 5 = Z$

8. $y \cdot 100 = Z$

9. $y \cdot 10 = Z$

10. $y \cdot 1{,}000 = Z$

11. $y \cdot 2 = Z$

12. $y \cdot 10 = Z$

13. $y \cdot 4 = Z$

14. $y \cdot 1{,}000 = Z$

15. $y \cdot 25 = Z$

1-10	93	87	80	73	67	60	53	47	40	33
11-15	27	20	13	7	0					