

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

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

- Ex. $y \times 10 = Z$
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2. _____
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- 15) Every centimeter is 10 millimeters. Write an equation to express the total number of millimeters (Z) in (y) centimeters.

Answers

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

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- Ex)** For each kilogram there are 1,000 grams. Write an equation to express the total number of grams (Z) in (y) kilograms.
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- 15)** Every gallon is 4 quarts. Write an equation to express the total number of quarts (Z) in (y) gallons.

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

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- Ex)** Every quarter is 5 nickels. Write an equation to express the total number of nickels (Z) in (y) quarters.
- 1)** Every quarter is 25 pennies. Write an equation to express the total number of pennies (Z) in (y) quarters.
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- 15)** Every quart is 2 pints. Write an equation to express the total number of pints (Z) in (y) quarts.

- Ex. $y \times 5 = Z$
1. _____
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Answers

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12. $y \times 3 = Z$
13. $y \times 16 = Z$
14. $y \times 1,000 = Z$
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- Ex)** Every quarter is 5 nickels. Write an equation to express the total number of nickels (Z) in (y) quarters.
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Answers

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

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

- Ex. $y \times 16 = Z$
1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
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9. _____
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Answers

- Ex. $y \times 16 = Z$
1. $y \times 100 = Z$
 2. $y \times 4 = Z$
 3. $y \times 2 = Z$
 4. $y \times 1,000 = Z$
 5. $y \times 1,000 = Z$
 6. $y \times 10 = Z$
 7. $y \times 1,000 = Z$
 8. $y \times 2 = Z$
 9. $y \times 12 = Z$
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- 15)** Every quart is 2 pints. Write an equation to express the total number of pints (Z) in (y) quarts.

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

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

**Solve each problem.**

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

Answers

- Ex. $y \times 1,000 = Z$
- $y \times 25 = Z$
 - $y \times 100 = Z$
 - $y \times 8 = Z$
 - $y \times 2 = Z$
 - $y \times 12 = Z$
 - $y \times 2 = Z$
 - $y \times 3 = Z$
 - $y \times 100 = Z$
 - $y \times 10 = Z$
 - $y \times 10 = Z$
 - $y \times 4 = Z$
 - $y \times 1,000 = Z$
 - $y \times 4 = Z$
 - $y \times 5 = Z$
 - $y \times 16 = Z$

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

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

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

**Solve each problem.**

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

Answers

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

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

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

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

**Solve each problem.**

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

Answers

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

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

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

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

**Solve each problem.**

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

Answers

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