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

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

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

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

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

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

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

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

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

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

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

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

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

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

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. $y \times 3 = Z$

1. 

2. 

3. 

4. 

5. 

6. 

7. 

8. 

9. 

10. 

11. 

12. 

13. 

14. 

15. 

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Answer Key

<table>
<thead>
<tr>
<th></th>
<th>Answers</th>
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<tbody>
<tr>
<td>Ex.</td>
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</tr>
<tr>
<td>1</td>
<td>(y \times 25 = Z)</td>
</tr>
<tr>
<td>2</td>
<td>(y \times 4 = Z)</td>
</tr>
<tr>
<td>3</td>
<td>(y \times 1,000 = Z)</td>
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<tr>
<td>4</td>
<td>(y \times 10 = Z)</td>
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<tr>
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<td>9</td>
<td>(y \times 10 = Z)</td>
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<tr>
<td>10</td>
<td>(y \times 12 = Z)</td>
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<td>11</td>
<td>(y \times 100 = Z)</td>
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<td>(y \times 8 = Z)</td>
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<tr>
<td>13</td>
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