Solve each problem.

1) For each pound there are 16 ounces. This can be expressed using the equation \( y \times 16 = Z \), where \( y \) is equal to the number of pounds and \( Z \) is equal to the total number of ounces. Using this equation find the total ounces in 10 pounds.

2) Every kilometer is 1,000 meters. This can be expressed using the equation \( y \times 1,000 = Z \), where \( y \) is equal to the number of kilometers and \( Z \) is equal to the total number of meters. Using this equation find the total meters in 2 kilometers.

3) Every dollar is 10 dimes. This can be expressed using the equation \( y \times 10 = Z \), where \( y \) is equal to the number of dollars and \( Z \) is equal to the total number of dimes. Using this equation find the total dimes in 7 dollars.

4) Every meter is 100 centimeters. This can be expressed using the equation \( y \times 100 = Z \), where \( y \) is equal to the number of meters and \( Z \) is equal to the total number of centimeters. Using this equation find the total centimeters in 10 meters.

5) Every quarter is 5 nickels. This can be expressed using the equation \( y \times 5 = Z \), where \( y \) is equal to the number of quarters and \( Z \) is equal to the total number of nickels. Using this equation find the total nickels in 5 quarters.

6) Every dollar is 100 pennies. This can be expressed using the equation \( y \times 100 = Z \), where \( y \) is equal to the number of dollars and \( Z \) is equal to the total number of pennies. Using this equation find the total pennies in 9 dollars.

7) Every quarter is 25 pennies. This can be expressed using the equation \( y \times 25 = Z \), where \( y \) is equal to the number of quarters and \( Z \) is equal to the total number of pennies. Using this equation find the total pennies in 2 quarters.

8) Every foot is 12 inches. This can be expressed using the equation \( y \times 12 = Z \), where \( y \) is equal to the number of feet and \( Z \) is equal to the total number of inches. Using this equation find the total inches in 5 feet.

9) Every yard is 3 feet. This can be expressed using the equation \( y \times 3 = Z \), where \( y \) is equal to the number of yards and \( Z \) is equal to the total number of feet. Using this equation find the total feet in 8 yards.

10) Every liter is 1,000 milliliters. This can be expressed using the equation \( y \times 1,000 = Z \), where \( y \) is equal to the number of liters and \( Z \) is equal to the total number of milliliters. Using this equation find the total milliliters in 5 liters.

11) Every centimeter is 10 millimeters. This can be expressed using the equation \( y \times 10 = Z \), where \( y \) is equal to the number of centimeters and \( Z \) is equal to the total number of millimeters. Using this equation find the total millimeters in 9 centimeters.

12) Every pint is 2 cups. This can be expressed using the equation \( y \times 2 = Z \), where \( y \) is equal to the number of pints and \( Z \) is equal to the total number of cups. Using this equation find the total cups in 4 pints.

Answers

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### Answers

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