



Solve each problem.

Answers

- Ex) 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 10 quarters.
- 1) 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 3 centimeters.
  - 2) Every dollar is 4 quarters. This can be expressed using the equation  $y \times 4 = Z$ , where  $y$  is equal to the number of dollars and  $Z$  is equal to the total number of quarters. Using this equation find the total quarters in 6 dollars.
  - 3) For each kilogram there are 1,000 grams. This can be expressed using the equation  $y \times 1,000 = Z$ , where  $y$  is equal to the number of kilogram and  $Z$  is equal to the total number of grams. Using this equation find the total grams in 2 kilograms.
  - 4) Every gallon is 4 quarts. This can be expressed using the equation  $y \times 4 = Z$ , where  $y$  is equal to the number of gallons and  $Z$  is equal to the total number of quarts. Using this equation find the total quarts in 6 gallons.
  - 5) 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.
  - 6) 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 10 kilometers.
  - 7) 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 5 dollars.
  - 8) 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 7 yards.
  - 9) 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 6 meters.
  - 10) 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 10 feet.
  - 11) 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 10 dollars.
  - 12) 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 2 pounds.

Ex. 50

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10. \_\_\_\_\_

11. \_\_\_\_\_

12. \_\_\_\_\_



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Answers

- Ex. 50
1. 30
2. 24
3. 2,000
4. 24
5. 5,000
6. 10,000
7. 500
8. 21
9. 600
10. 120
11. 100
12. 32