



Solve each problem.

Answers

- Ex) 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.
- 1) 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 6 dollars.
  - 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 8 dollars.
  - 3) Every cup is 8 ounces. This can be expressed using the equation  $y \times 8 = Z$ , where  $y$  is equal to the number of cups and  $Z$  is equal to the total number of ounces. Using this equation find the total ounces in 2 cups.
  - 4) 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 8 feet.
  - 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 2 liters.
  - 6) 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 10 quarters.
  - 7) 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 8 gallons.
  - 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 9 yards.
  - 9) Every quart is 2 pints. This can be expressed using the equation  $y \times 2 = Z$ , where  $y$  is equal to the number of quarts and  $Z$  is equal to the total number of pints. Using this equation find the total pints in 9 quarts.
  - 10) 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 9 pounds.
  - 11) 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 4 quarters.
  - 12) 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 7 meters.

Ex. 90

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

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



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**Answers**

- Ex. 90
1. 600
2. 32
3. 16
4. 96
5. 2,000
6. 250
7. 32
8. 27
9. 18
10. 144
11. 20
12. 700