

**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 5 centimeters.
- 1) 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.
- 2) 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 5 dollars.
- 3) 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 8 meters.
- 4) 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 4 quarters.
- 5) 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.
- 6) 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 4 dollars.
- 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 2 gallons.
- 8) 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.
- 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 3 quarts.
- 10) 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.
- 11) 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 2 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 7 pounds.

Ex. 50

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2. \_\_\_\_\_

3. \_\_\_\_\_

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6. \_\_\_\_\_

7. \_\_\_\_\_

8. \_\_\_\_\_

9. \_\_\_\_\_

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

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

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



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Answers

- Ex. 50
1. 5,000
2. 50
3. 800
4. 100
5. 2,000
6. 16
7. 8
8. 16
9. 6
10. 2,000
11. 200
12. 112