

**Solve each problem.**

- Ex)** 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.
- 1) 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 3 meters.
- 2) 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 4 kilograms.
- 3) 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 5 pints.
- 4) 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.
- 5) 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.
- 6) 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.
- 7) 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 10 liters.
- 8) 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 9 gallons.
- 9) 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.
- 10) 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 7 dollars.
- 11) 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 6 cups.
- 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 3 pounds.

Answers

- Ex. **16**
1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____
9. _____
10. _____
11. _____
12. _____

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Answers

- Ex. 16
1. 300
2. 4,000
3. 10
4. 27
5. 30
6. 70
7. 10,000
8. 36
9. 2,000
10. 700
11. 48
12. 48