

**Solve each problem.****Answers**

- Ex)** 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 7 gallons.
- 1) 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.
- 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 3 kilograms.
- 3) 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 4 quarts.
- 4) 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.
- 5) 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 9 pints.
- 6) 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 7 liters.
- 7) 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.
- 8) 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 4 meters.
- 9) 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.
- 10) 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 8 quarters.
- 11) 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 5 kilometers.
- 12) 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 8 dollars.

- Ex. **28**
1. _____
2. _____
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11. _____
12. _____

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Answers

- Ex. 28
1. 24
2. 3,000
3. 8
4. 20
5. 18
6. 7,000
7. 160
8. 400
9. 500
10. 200
11. 5,000
12. 80