

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

- Ex)** 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.
- 1) 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.
- 2) 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 6 yards.
- 3) 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 9 quarters.
- 4) 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.
- 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 6 pints.
- 6) 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 4 centimeters.
- 7) 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 10 kilograms.
- 8) 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.
- 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 10 dollars.
- 10) 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 4 dollars.
- 11) 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 8 quarts.
- 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. **2,000**
1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____
9. _____
10. _____
11. _____
12. _____



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- Ex. 2,000
1. 160
2. 18
3. 45
4. 16
5. 12
6. 40
7. 10,000
8. 10,000
9. 1,000
10. 40
11. 16
12. 700