Solve each problem.

Ex) Every quarter is 25 pennies. This can be expressed using the equation y × 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.

1) Every foot is 12 inches. This can be expressed using the equation y × 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 2 feet.

2) Every centimeter is 10 millimeters. This can be expressed using the equation y × 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.

3) Every dollar is 100 pennies. This can be expressed using the equation y × 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.

4) Every quarter is 5 nickels. This can be expressed using the equation y × 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.

5) Every yard is 3 feet. This can be expressed using the equation y × 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 4 yards.

6) For each pound there are 16 ounces. This can be expressed using the equation y × 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.

7) Every kilometer is 1,000 meters. This can be expressed using the equation y × 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 9 kilometers.

8) Every cup is 8 ounces. This can be expressed using the equation y × 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 10 cups.

9) Every pint is 2 cups. This can be expressed using the equation y × 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.

10) Every quart is 2 pints. This can be expressed using the equation y × 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 6 quarts.

11) Every gallon is 4 quarts. This can be expressed using the equation y × 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 5 gallons.

12) Every dollar is 10 dimes. This can be expressed using the equation y × 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 9 dollars.

Answers

Ex. 200

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____
9. _____
10. _____
11. _____
12. _____

1-10	92	83	75	67	58	50	42	33	25	17
11-12	8	0								

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Answers

Ex. 200
1. 24
2. 90
3. 700
4. 45
5. 12
6. 160
7. 9,000
8. 80
9. 18
10. 12
11. 20
12. 90

1-10	92	83	75	67	58	50	42	33	25	17
11-12	8	0								