	Using Datis Equations				
Using Ratio Equations     Name:       Solve each problem.     Answers					
Ex)	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.	Ex	200		
1)	Every foot is 12 inches. This can be expressed using the equation $y \times 12 = Z$ , 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.	1 2			
2)	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 9 centimeters.	3			
3)	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.	4 5			
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 9 quarters.	6			
5)	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 4 yards.	7 8			
6)	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.	9 10			
7)	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 9 kilometers.	11			
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 10 cups.	12			
9)	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.				
10)	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 6 quarts.				
11)	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 5 gallons.				
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 9 dollars.				

Math

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 1-10
 92
 83
 75
 67
 58
 50
 42
 33
 25
 17

 11-12
 8
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	Using Ratio Equations Name:	Ans	swe	r Key
Solve			Answers	
Ex)	Every quarter is 25 pennies. This can be expressed using the equation $y \times 25 = Z$ , where is equal to the number of quarters and Z is equal to the total number of pennies. Using the equation find the total pennies in 8 quarters.	° 11	Ex	200
1)	Every foot is 12 inches. This can be expressed using the equation $y \times 12 = Z$ , 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.		1 2	24 90
2)	Every centimeter is 10 millimeters. This can be expressed using the equation $y \times 10 = Z_{e}$ 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	700
3)	Every dollar is 100 pennies. This can be expressed using the equation $y \times 100 = Z$ , when 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.	re	4 5	45 12
4)	Every quarter is 5 nickels. This can be expressed using the equation $y \times 5 = Z$ , where y i 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.		6	160 9,000
5)	Every yard is 3 feet. This can be expressed using the equation $y \times 3 = Z$ , where y is equator 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.		7 8	80
6)	For each pound there are 16 ounces. This can be expressed using the equation $y \times 16 = 2$ 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.	Ζ,	9	<u>18</u> 12
7)	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 9 kilometers.		11.	20
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 10 cups.		12	90
<b>9</b> )	Every pint is 2 cups. This can be expressed using the equation $y \times 2 = Z$ , where y is equator to the number of pints and Z is equal to the total number of cups. Using this equation fine the total cups in 9 pints.			
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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 9 dollars.	is		
	Math www.CommonCoreSheets.com 9 1-10 92 83 75 11-12 8 0	<b>6</b> 7	58 5	0 42 33 25 17

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