

Name: _____

Graphing Points from a Ratio Table

Plot the pairs of values on the coordinate plane. A ratio table is just a group of equivalent ratios. The pairs of numbers in the table can be graphed onto a coordinate plane.

Step 1: Write the pairs of values in the table as coordinates.

Step 2: Plot the points. The x value tells you to go right and the y value tells you to go up.

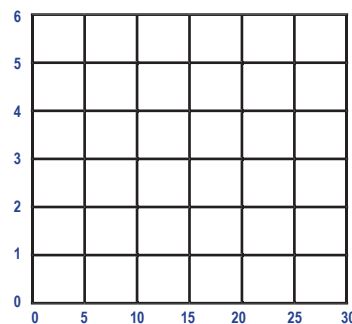
Step 3: Connect the dots and add arrows to show that you can continue to scale the ratio up or down. The values from a ratio table should create a straight line.

Example

x	y	(x,y)
2	3	
4	6	
6	9	
8	12	
10	15	

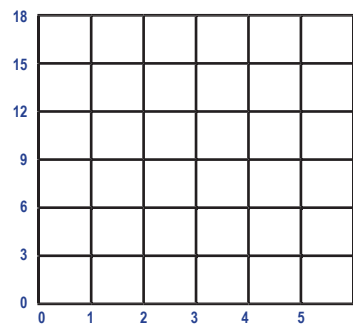
1. Create a ratio table for the ratio 5:1 and plot the pairs of values.

x	y	(x,y)



2. There is 1 cup of sugar for every 3 cups of flour in a oatmeal raisin cookie recipe. Create a ratio table that shows how much of each item would be needed when wanting to make more than one batch of cookies. Then plot the points on the coordinate plane.

x	y	(x,y)



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Graphing Points from a Ratio Table

Plot the pairs of values on the coordinate plane. A ratio table is just a group of equivalent ratios. The pairs of numbers in the table can be graphed onto a coordinate plane.

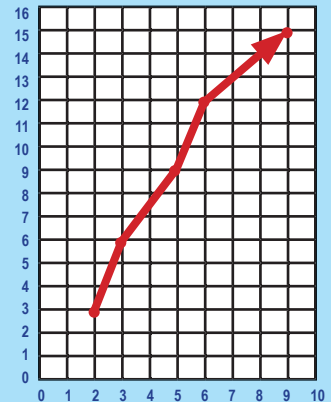
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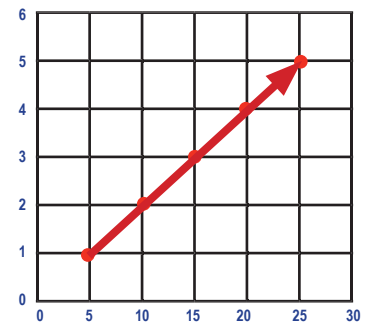
Example

x	y	(x,y)
2	3	(2, 3)
4	6	(4, 6)
6	9	(6, 9)
8	12	(8, 12)
10	15	(10, 15)



1. Create a ratio table for the ratio 5:1 and plot the pairs of values.

x	y	(x,y)
5	1	(5,1)
10	2	(10,2)
15	3	(15,3)
20	4	(20,4)
25	5	(25,5)



2. There is 1 cup of sugar for every 3 cups of flour in a oatmeal raisin cookie recipe. Create a ratio table that shows how much of each item would be needed when wanting to make more than one batch of cookies. Then plot the points on the coordinate plane.

x	y	(x,y)
1	3	(1,3)
2	6	(2,6)
3	9	(3,9)
4	12	(4,12)
5	15	(5,15)

