

Lesson Summary

A ratio table, equation, or double number line diagram can be used to create ordered pairs. These ordered pairs can then be graphed on a coordinate plane as a representation of the ratio.

Example:

Equation: $y = 3x$

x	y
0	0
1	3
2	6
3	9



Ordered Pairs

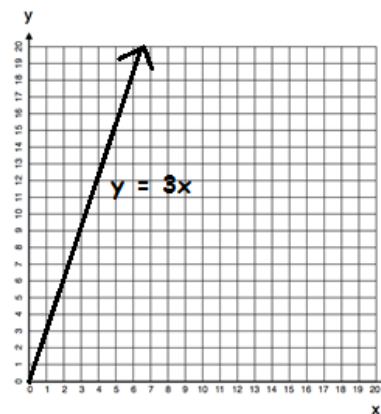
(x, y)

$(0, 0)$

$(1, 3)$

$(2, 6)$

$(3, 9)$

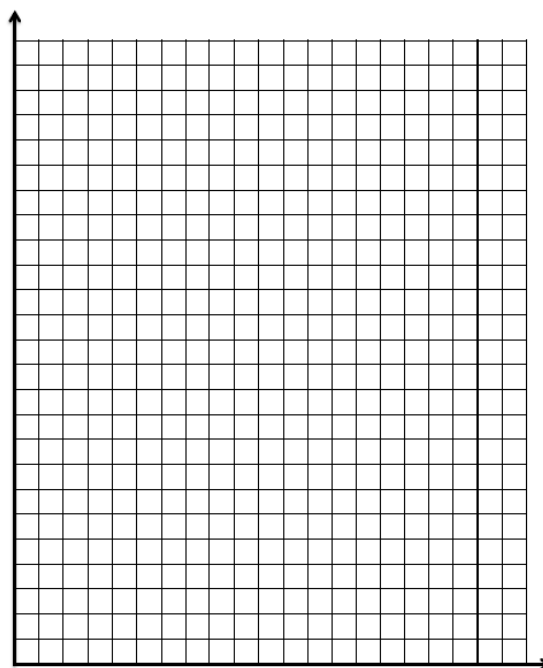


Problem Set

- Complete the table of values to find the following:

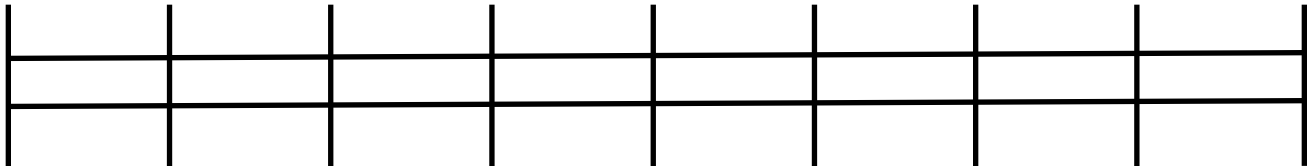
Find the number of cups of sugar needed if for each pie Karrie makes, she has to use 3 cups of sugar.

Pies	Cups of Sugar
1	
2	
3	
4	
5	
6	



Use a graph to represent the relationship.

Create a double number line diagram to show the relationship.



2. Write a story context that would be represented by the ratio 1:4.
Complete a table of values for this equation and graph.

