

# LINEAR EQUATIONS QUIZ REVIEW

1)

a. Complete the following table.

In (x)	9	2	13	-7	-4	1	15	-1	0
Out (y)			37	-23			43		-2

b. In your own words, describe the rule from the table above.

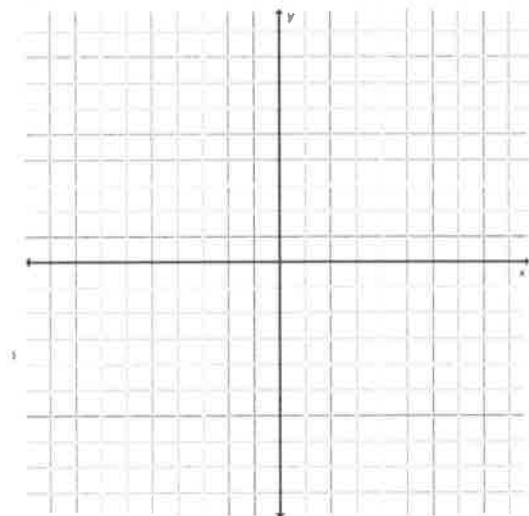
c. In algebraic terms, describe the rule from the table above.

2)

a. Use the rule  $y = x + 1$  to complete the following table.

In (x)	-4	-3	-2	-1	0	1	2	3	4
Out (y)									

b. Plot and connect the points on the graph.

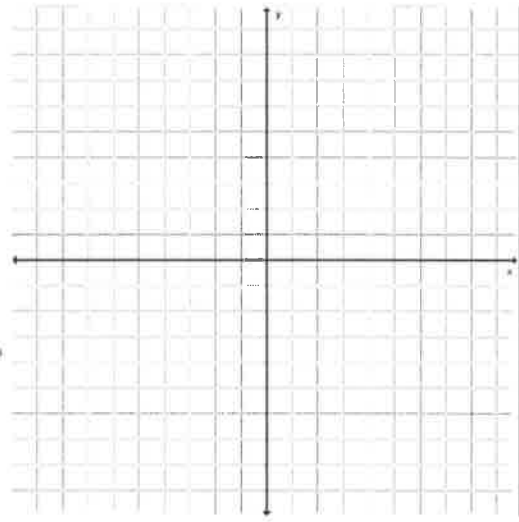


3)

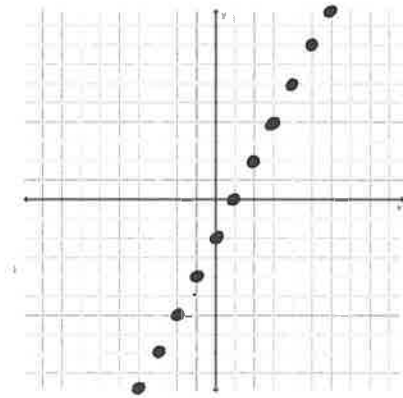
a. Use the rule  $y = -2x + 1$  to complete the following table.

In (x)	-4	-3	-2	-1	0	1	2	3	4
Out (y)									

b. Plot and connect the points on the graph.



4) Create an  $x \rightarrow y$  table using at least eight points from the graph below. Write the rule for the pattern in the table.



In (x)									
Out (y)									

Rule: \_\_\_\_\_

5) For each rule below, create an  $x \rightarrow y$  table. Then graph and connect the points from your tables. Use the same graph for both lines. Make sure to label your lines on the graph.

a.  $y = 4x$

In (x)									
Out (y)									

b.  $y = -3x + 4$

In (x)									
Out (y)									

