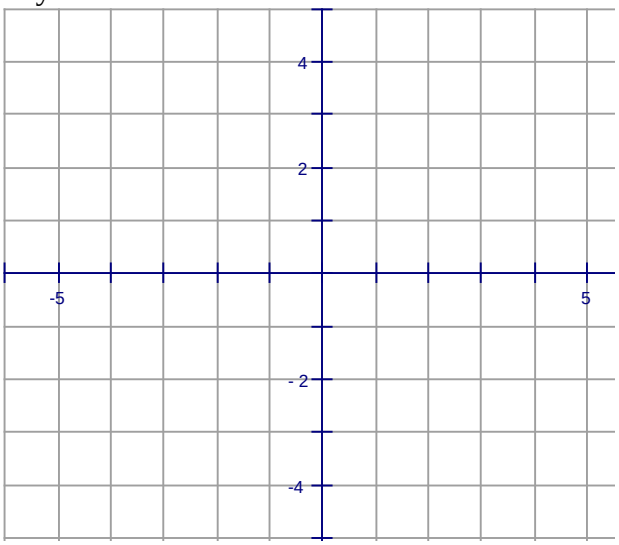
Homework on Equations, graphs and tables for lines:

For each problem, you are given either an equation, a table or a graph of a line. For each example, figure out the step size (slope), starting value (y-intercept), and complete the problem so that all three representations (equation, table, graph) are given for the line.

1. y = 3x+1

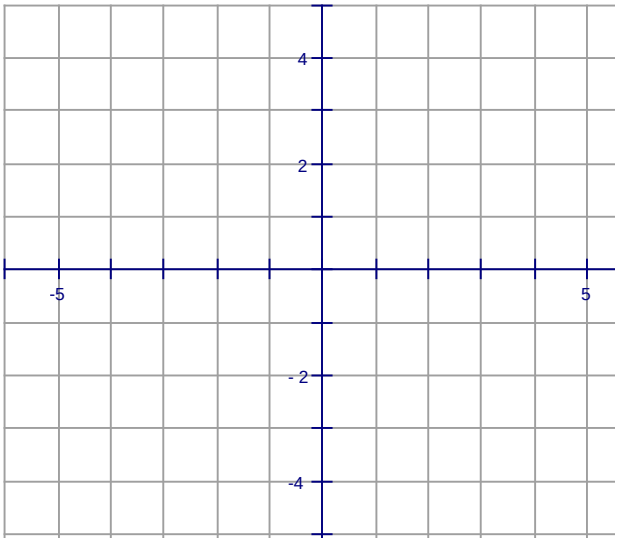


x (input)	y (output)
0	
1	
2	
3	
4	
5	

step size (slope):

starting value (y-intercept):

2. $y = \frac{-x}{2} - 2$

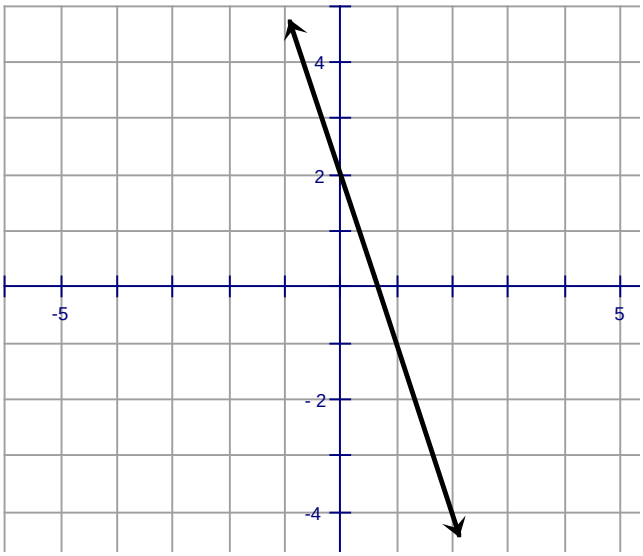


x (input)	y (output)
0	
1	
2	
3	
4	
5	

step size (slope):

starting value (y-intercept):

3.



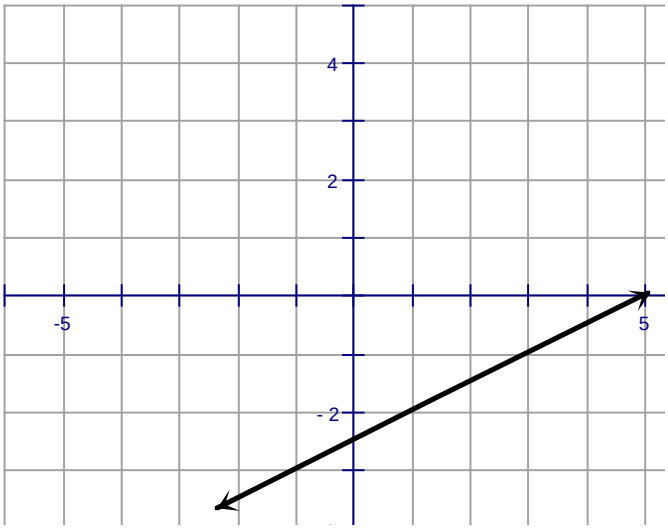
x (input)	y (output)
0	
1	
2	
3	
4	
5	

step size (slope):

starting value (y-intercept):

equation:

4.



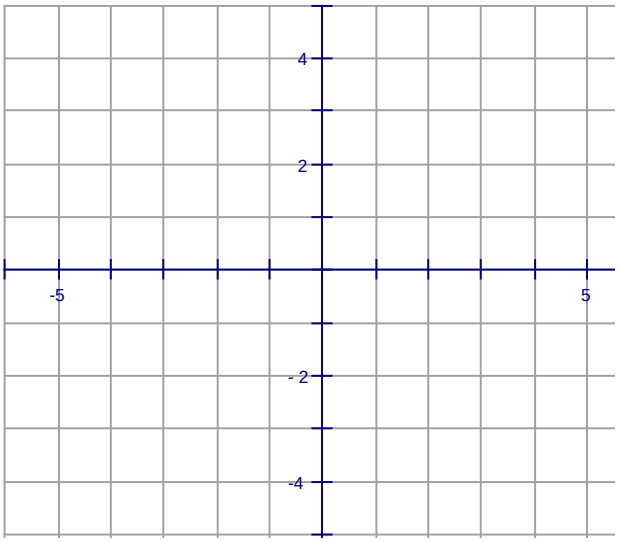
x (input)	y (output)
0	
1	
2	
3	
4	
5	

step size (slope):

starting value (y-intercept):

equation:

5.



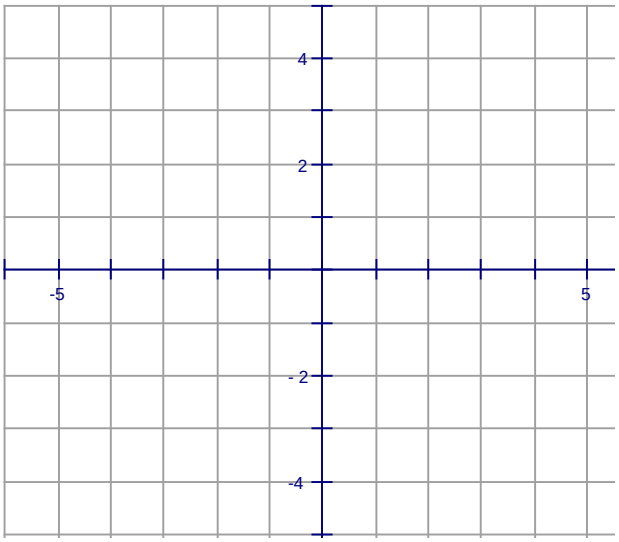
x (input)	y (output)
0	1/3
1	1
2	5/3
3	7/3
4	3
5	11/3

step size (slope):

starting value (y-intercept):

equation:

6.



x (input)	y (output)
0	
1	0
2	
3	-1
4	
5	

step size (slope):

starting value (y-intercept):

equation: