Sheet # 15-02

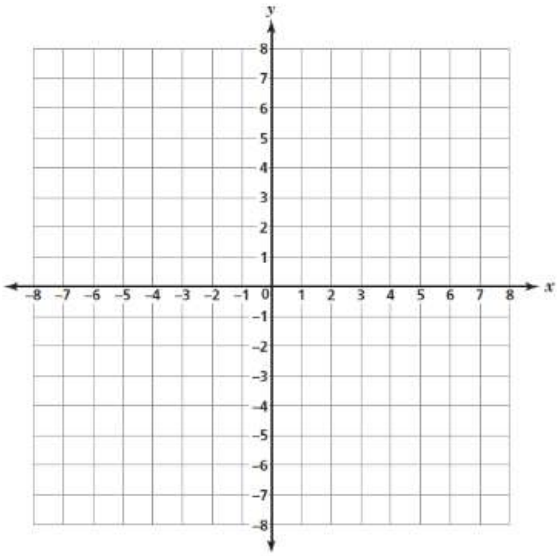
Name: _____ Date: _____

Functions and Relations – *Graphing using a table of values*

Class: **Pre-Algebra**

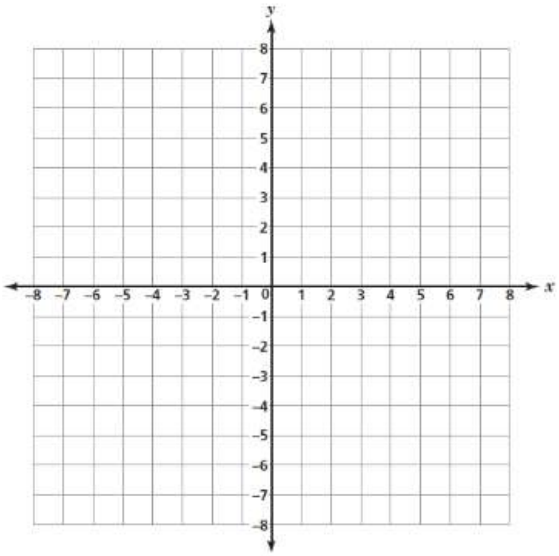
1 Complete the table for $y = x + 3$ and graph the resulting line.

x	*y*
-5	
0	
4	



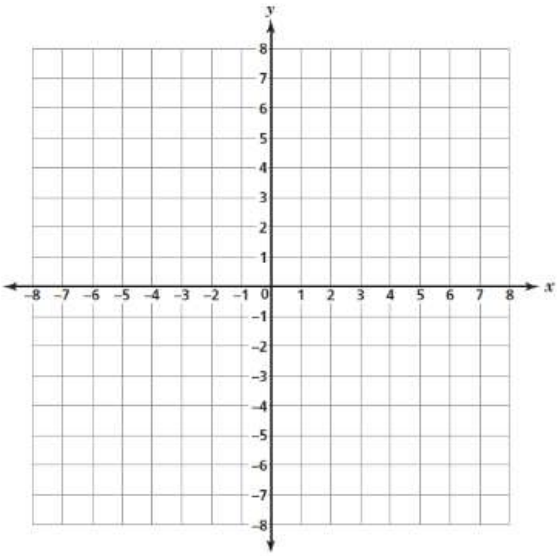
2 Complete the table for $y = 3x + 1$ and graph the resulting line.

x	*y*
-3	
0	
2	



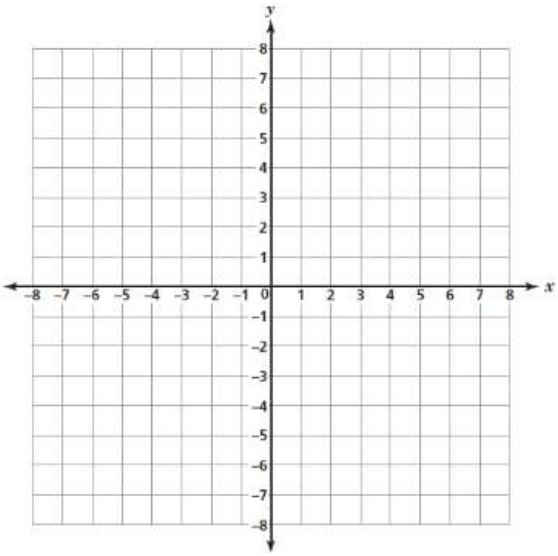
3 Complete the table for $y = -2x$ and graph the resulting line.

x	*y*
-4	
0	
3	



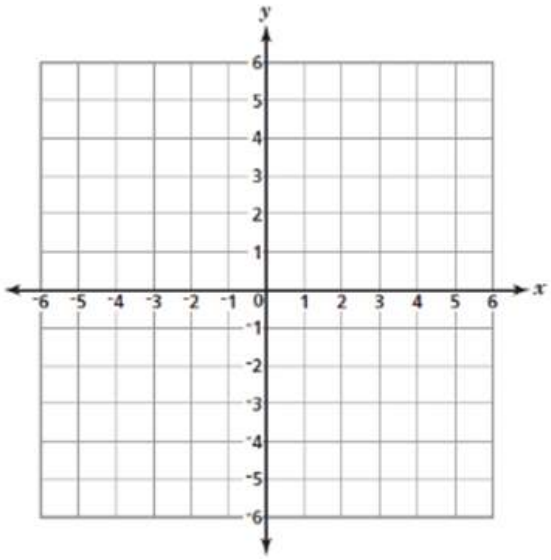
4 Complete the table for $y = -x - 2$ and graph the resulting line.

x	*y*
-3	
0	
4	



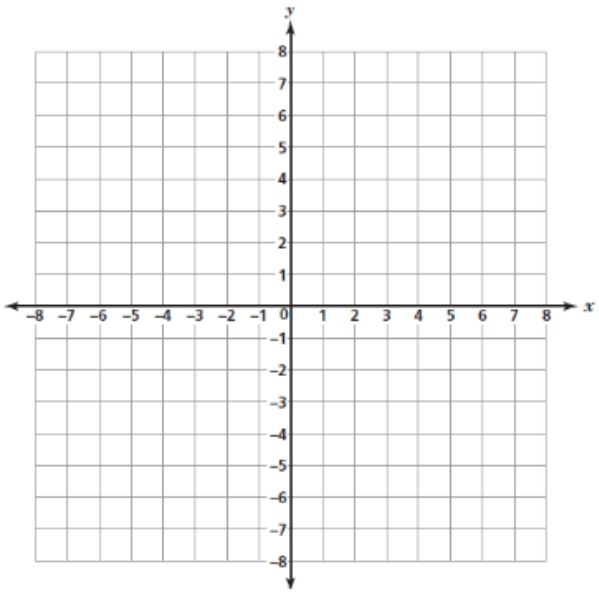
5 For the equation $y = 2x - 3$, complete the table for the given values of x. Using the information from the table, graph the line of the equations on the coordinate plane below. Be sure to plot all points from the table and draw a line connecting the points.

x	y
-1	
1	
3	



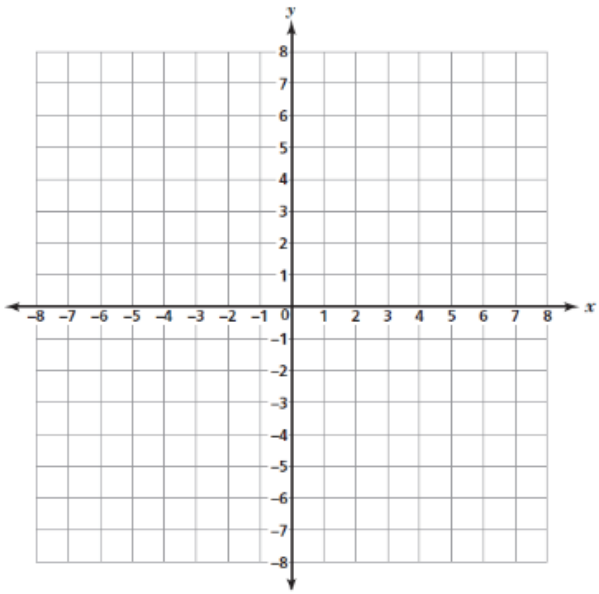
6 Complete the table for $y = 3x - 2$ and graph the resulting line.

x	−2	−1	0	1	2
y	−8	−5	−2	1	



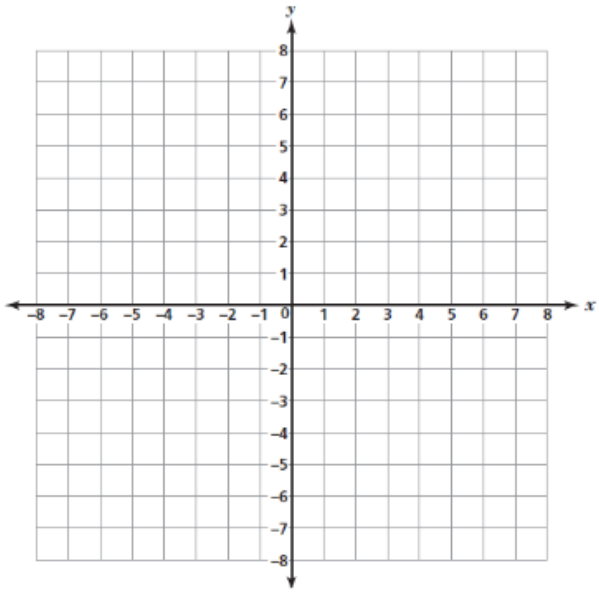
7 Complete the table for $y = -3x + 5$ and graph the resulting line.

x	y



8 Complete the table for $y = 2x + 2$ and graph the resulting line.

x	y



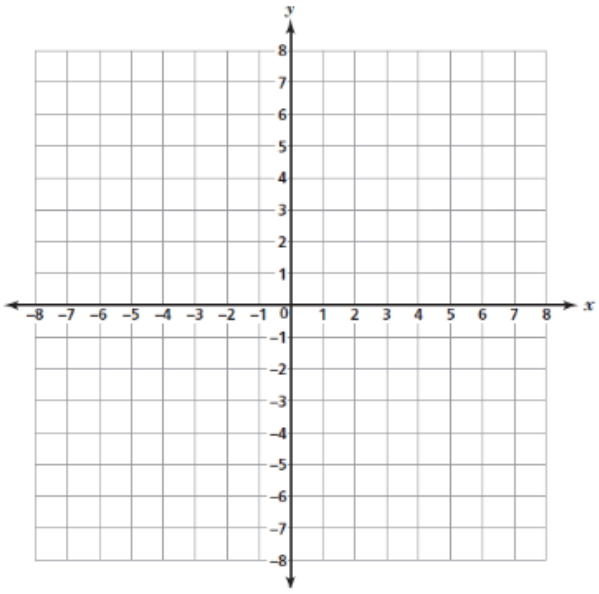
Sheet # 15-03

Name: _____ Date: _____

Functions and Relations – *Graphing using a table of values* Class: **Pre-Algebra**

9 Complete the table for $y = \frac{1}{2}x + 3$ and graph the resulting line.

x	*y*
-4	
-2	
0	
2	
4	

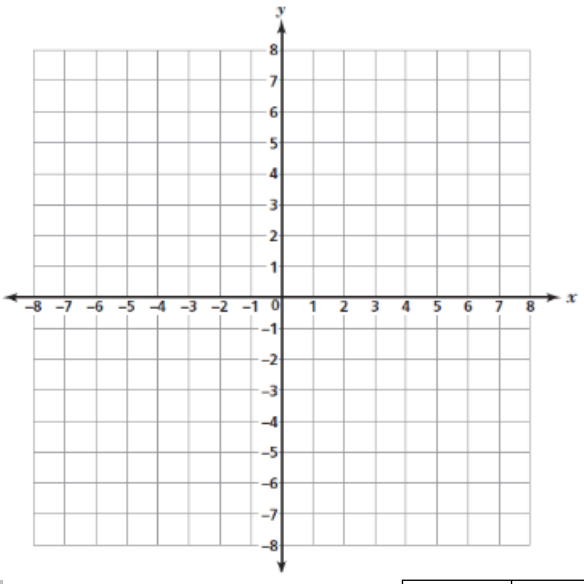


10 Complete the table for $y = \frac{x}{4} - 1$ and graph the resulting line.

x	*y*

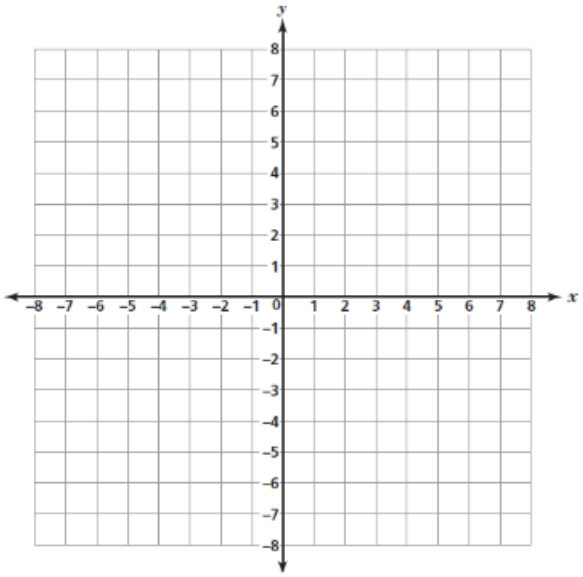
11 Complete the table for $y = \frac{1}{3}x + 4$ and graph the resulting line.

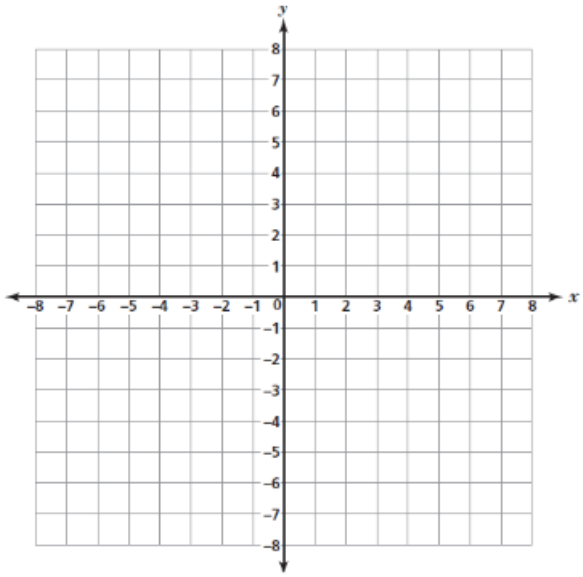
x	*y*



12 Complete the table for $y = \frac{1}{5}x + 1$ and graph the resulting line.

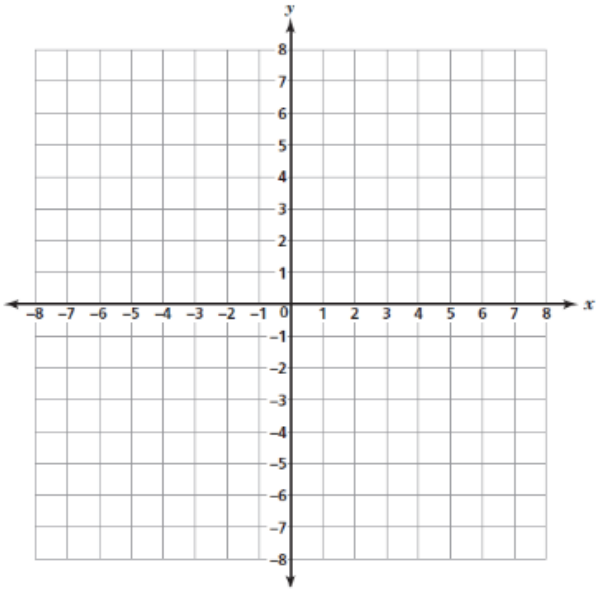
x	*y*


y
x
8
7
6
5
4
3
2
1
0
−1
−2
−3
−4
−5
−6
−7
−8
−8 −7 −6 −5 −4 −3 −2 −1 1 2 3 4 5 6 7 8


y
x
8
7
6
5
4
3
2
1
0
−1
−2
−3
−4
−5
−6
−7
−8
−8 −7 −6 −5 −4 −3 −2 −1 1 2 3 4 5 6 7 8

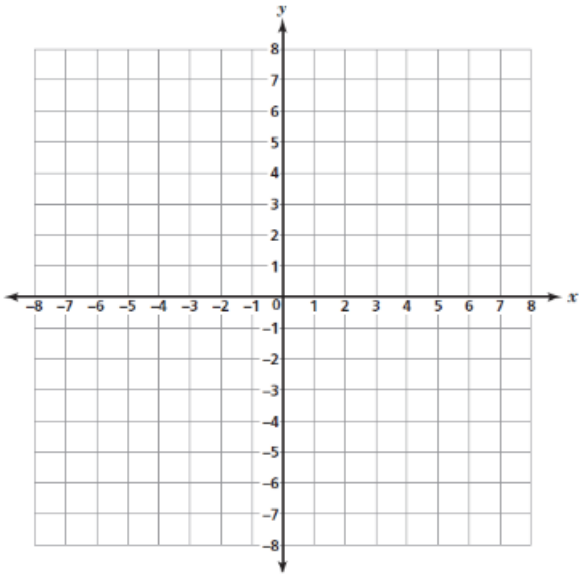
13 Complete the table for $y = -2x + 6$ and graph the resulting line.

x	y



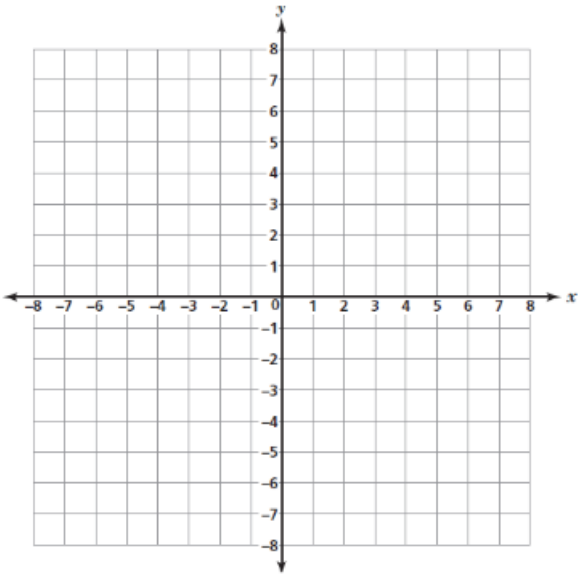
14 Complete the table for $y = -\frac{1}{2}x + 4$ and graph the resulting line.

x	y



15 Complete the table for $y = 2x + 6$ and graph the resulting line.

x	y



16 Complete the table for $y = \frac{1}{2}x + 4$ and graph the resulting line.

x	y