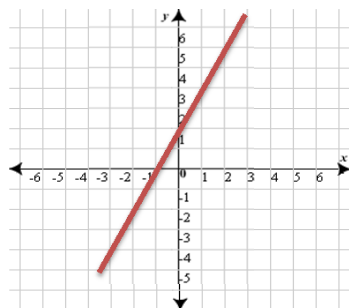


Name _____

Date _____

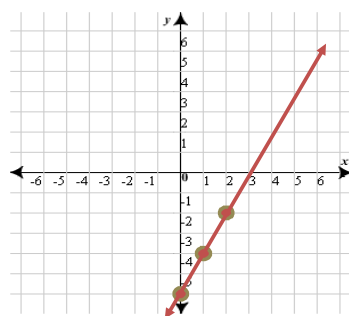
Graphing Linear Equations Using Tables and Intercepts

1 Identify the x and y intercept for this line. List the location as an ordered pair: (x, y).



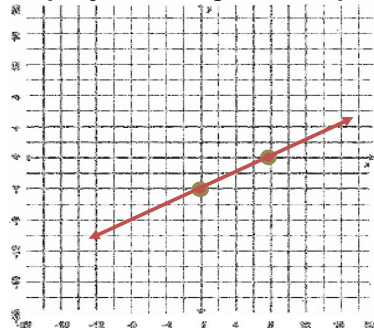
x Intercept	(-1, 0)
y Intercept	(0, 2)

2 Complete the table and then graph: $2x - y = 6$



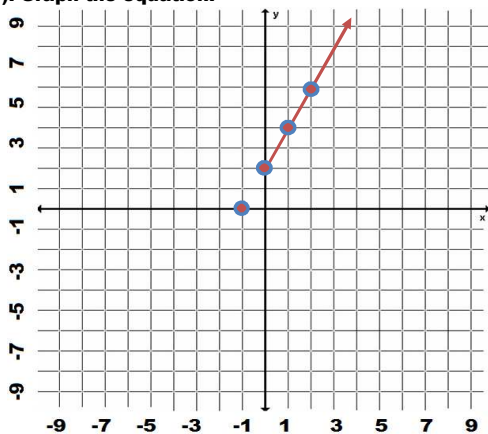
x	y = 2x - 6
0	-6
1	-4
2	-2

3. Graph by determining the intercepts: $2x - 4y = 16$



x Intercept	(8, 0)
y Intercept	(0, -4)

4. Peter has already baked 2 cakes, and he can bake 2 cakes with each additional stick of butter he buys. Write an equation that shows the relationship between the number of additional sticks of butter (x) and the number of cakes (y). Graph the equation.



Equation	$y = 2x + 2$
x Intercept	(-1, 0)
y Intercept	(0, 2)

x	y = 2x + 2
0	2
1	4
2	6