

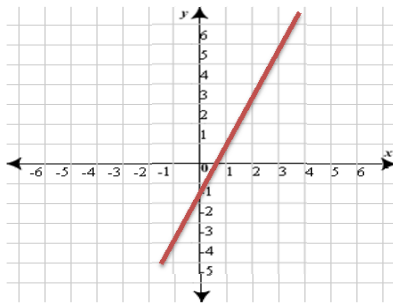
# MasterMath

## Graphing Linear Equations Using Tables and Intercepts

Name \_\_\_\_\_

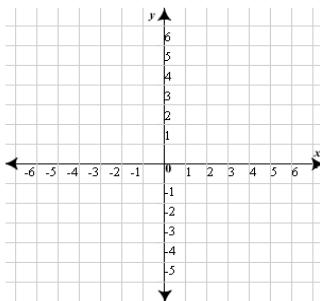
Date \_\_\_\_\_

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



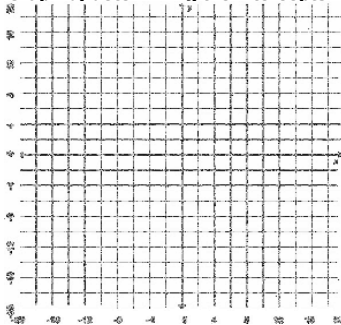
x Intercept	
y Intercept	

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



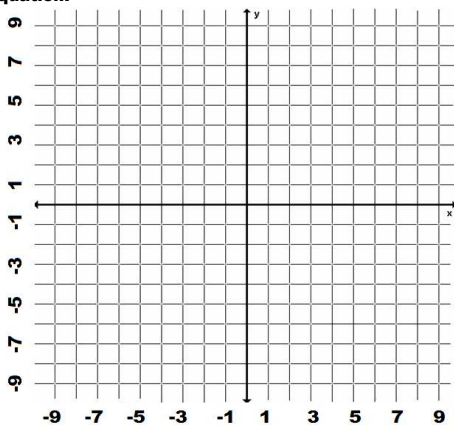
x	y

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



x Intercept	
y Intercept	

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	
----------	--