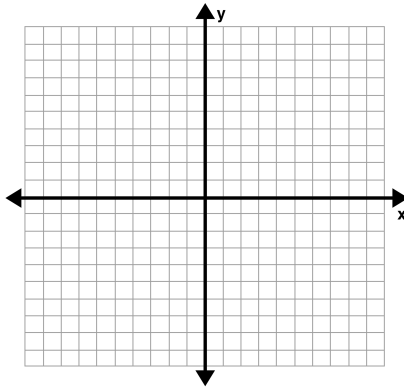


Name: \_\_\_\_\_

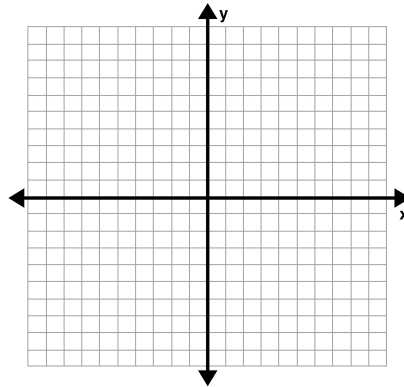
# LINEAR INEQUALITIES ON THE COORDINATE PLANE

Part I: Sketch the graph of each linear inequality on the graph provided.

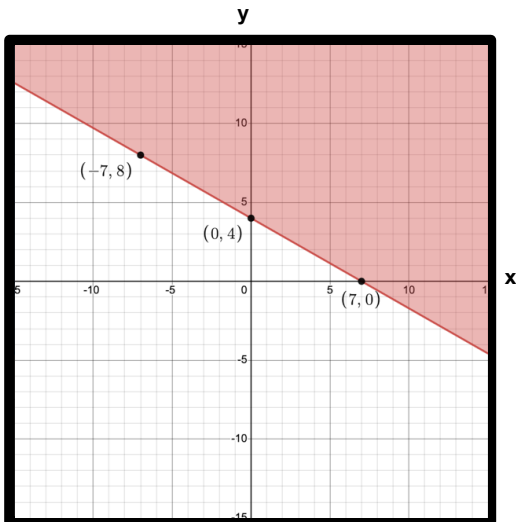
1.)  $y > 5x - 7$



2.)  $y \leq -\frac{1}{3}x - 2$

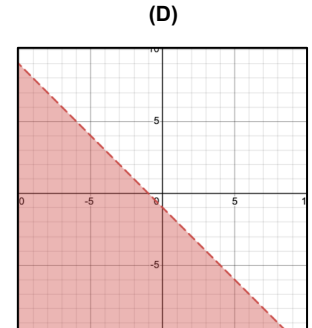
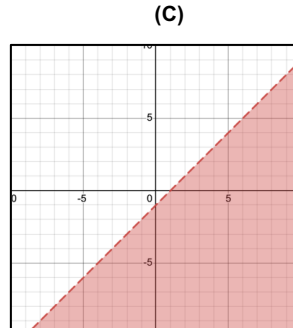
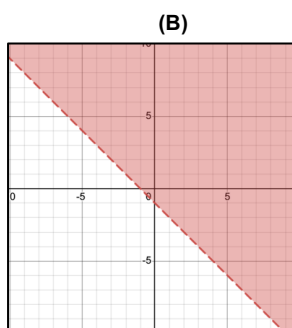
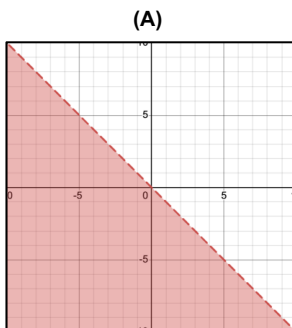


Part II: Write an inequality that represents the graph.



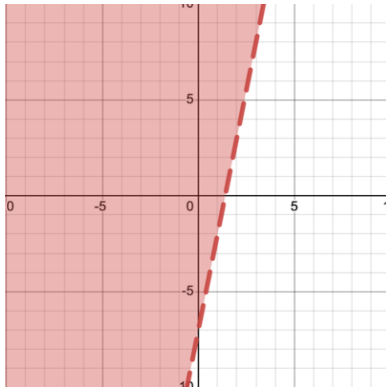
Part III: Multiple Choice (Circle One)

Which of the following is the graph of  $y < -x - 1$  ?

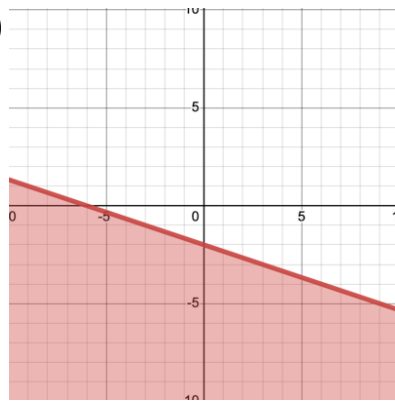


## ANSWER KEY

1.)



2.)



3.)  $y \geq -\frac{4}{7}x + 4$

4.) D