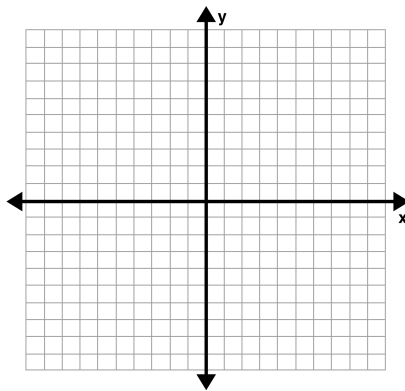


Name: \_\_\_\_\_

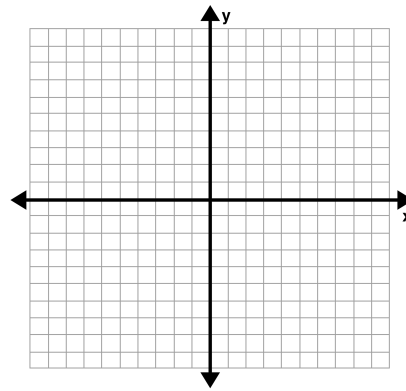
# LINEAR INEQUALITIES ON THE COORDINATE PLANE

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

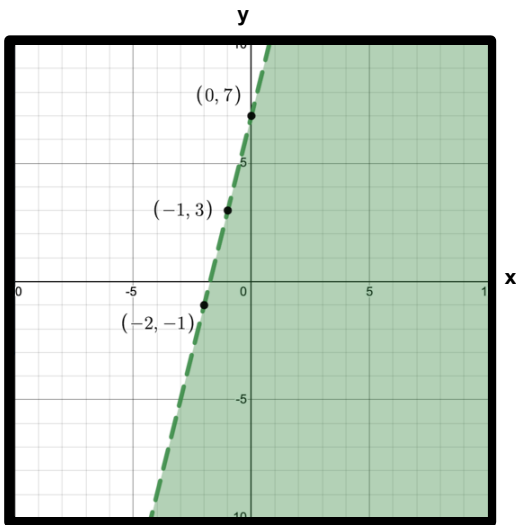
1.)  $y \leq -\frac{1}{3}x + 5$



2.)  $y > 2x - 5$

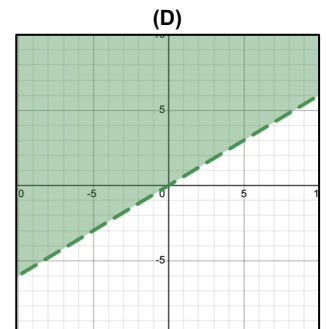
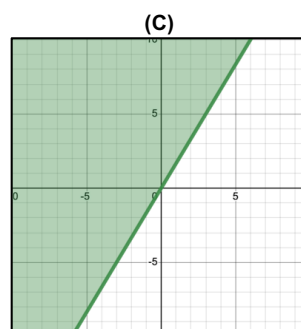
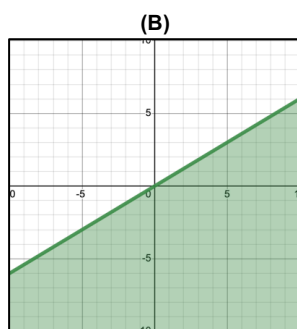
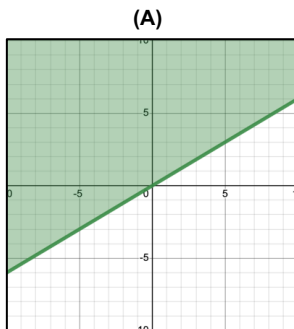


Part II: Write an inequality that represents the graph.



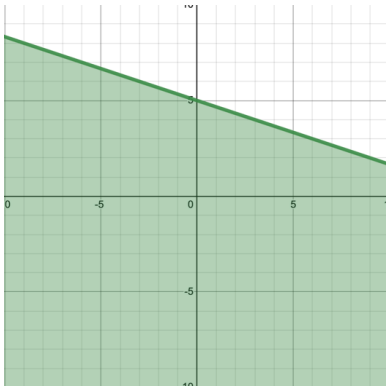
Part III: Multiple Choice (Circle One)

Which of the following is the graph of  $y \geq \frac{3}{5}x$  ?

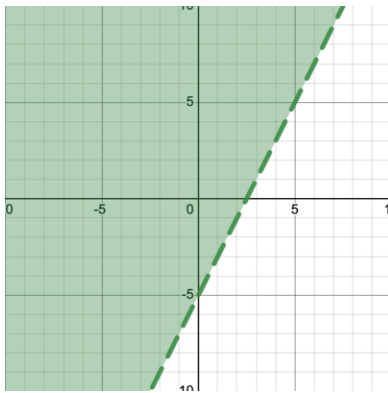


## ANSWER KEY

1.)



2.)



3.)  $y < 4x + 7$

4.) A