

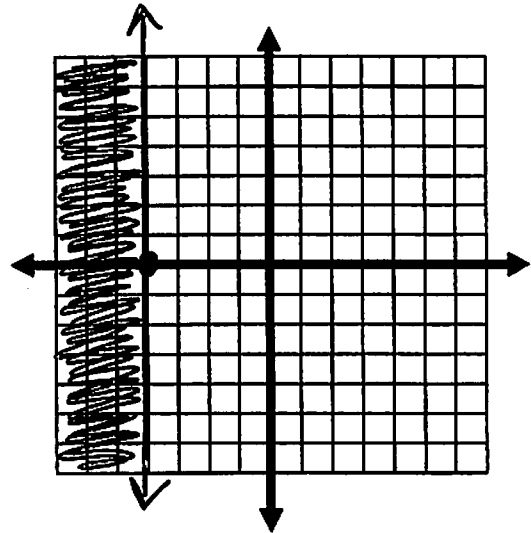
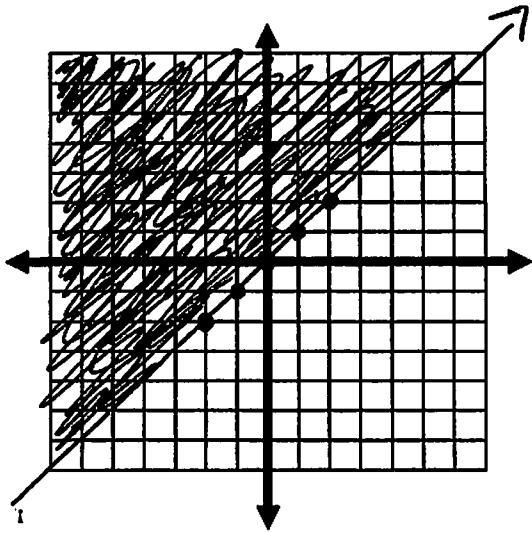
# Graphing Linear Inequalities Practice Worksheet

Name Key Class Period \_\_\_\_\_

## I. Graph the inequality.

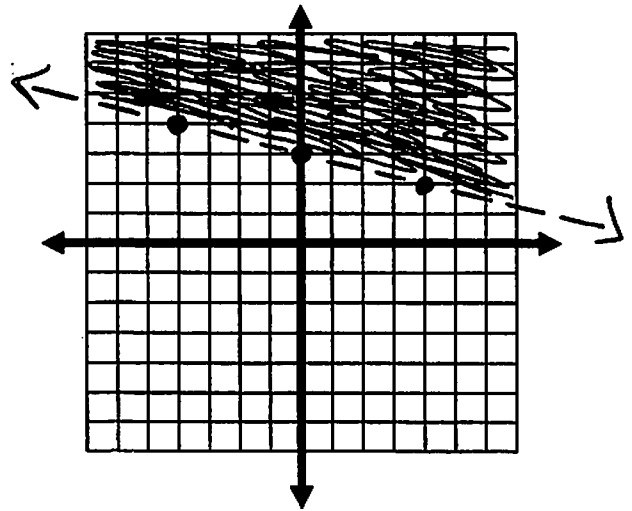
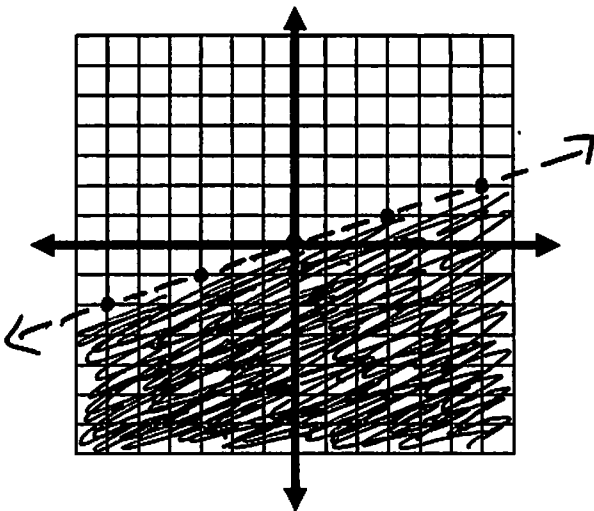
1.  $y \geq x$

2.  $x \leq -4$

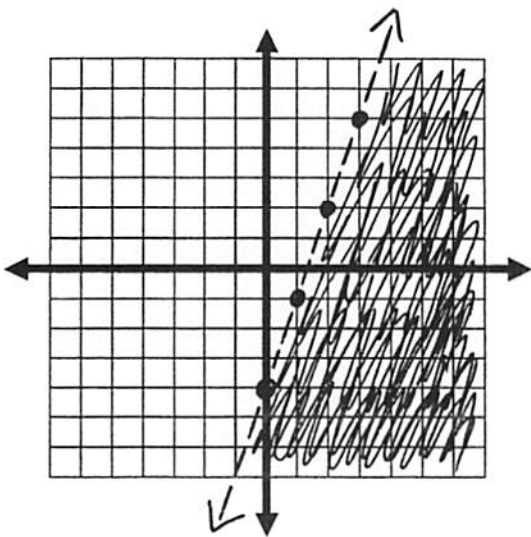


3.  $y < \frac{1}{3}x$

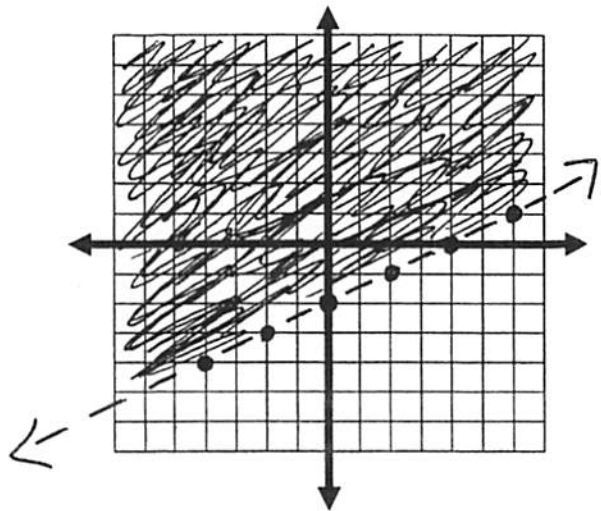
4.  $y > -\frac{1}{4}x + 3$



$$\begin{aligned}
 5. \quad & 9x - 3y > 12 \\
 & -3y > -9x + 12 \\
 & y < 3x - 4
 \end{aligned}$$

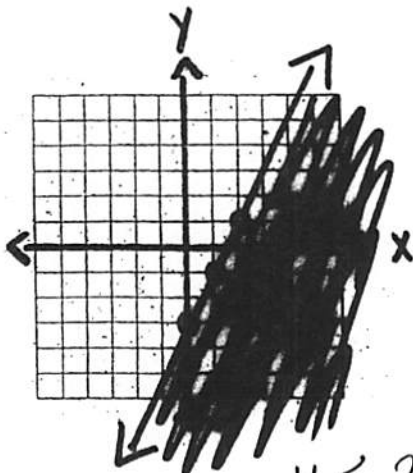


$$\begin{aligned}
 6. \quad & x - 2y < 4 \\
 & -2y < -x + 4 \\
 & y > \frac{1}{2}x - 2
 \end{aligned}$$



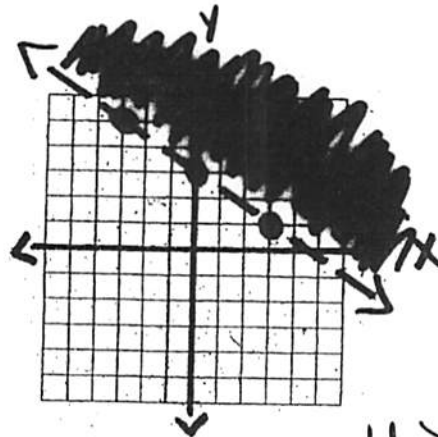
II. Write an inequality whose solution is shown in the graph.

7.



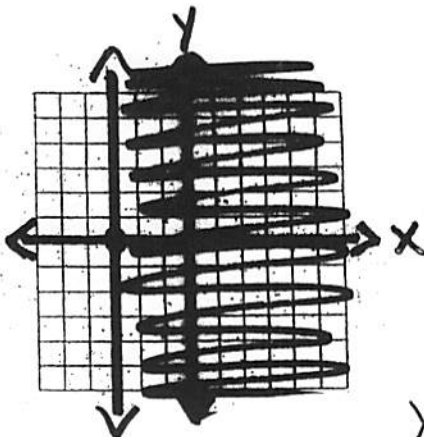
$$y \leq 2x - 3$$

8.



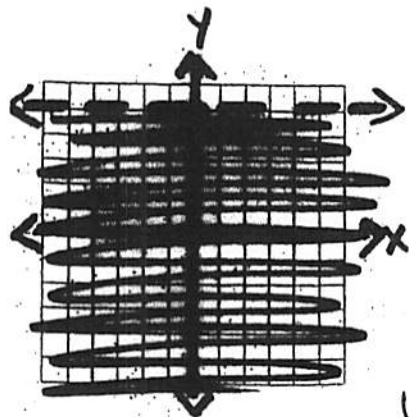
$$y > -\frac{2}{3}x + 3$$

9.



$$x \geq -3$$

10.



$$y < 5$$