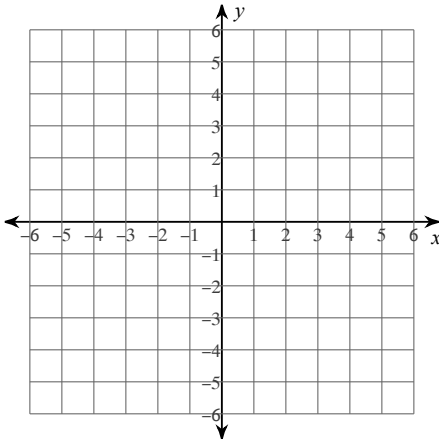


## Assignment

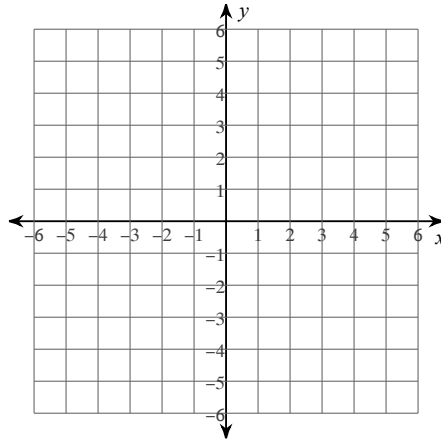
Date \_\_\_\_\_ Period \_\_\_\_\_

Sketch the graph of each linear inequality, and state a point in the solution set.

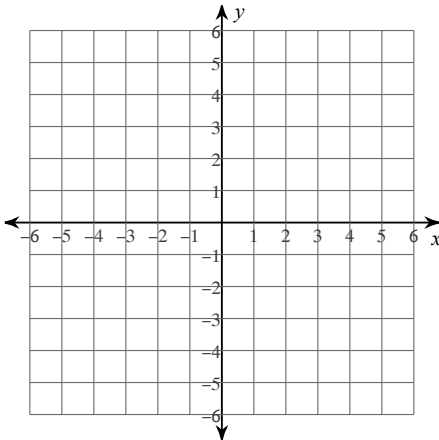
1)  $y < \frac{3}{4}x - 2$



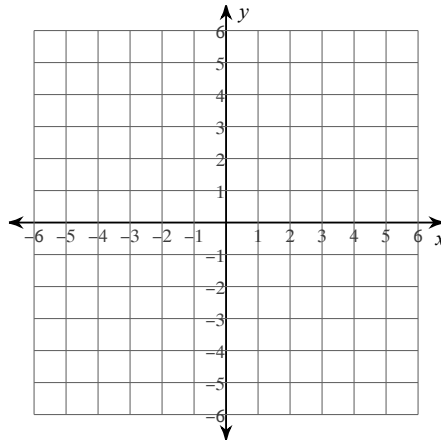
2)  $y \leq 6x + 1$



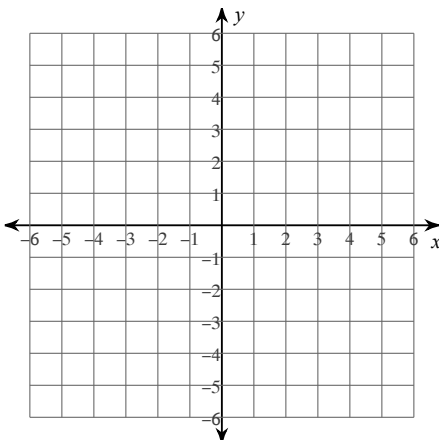
3)  $y < -x + 4$



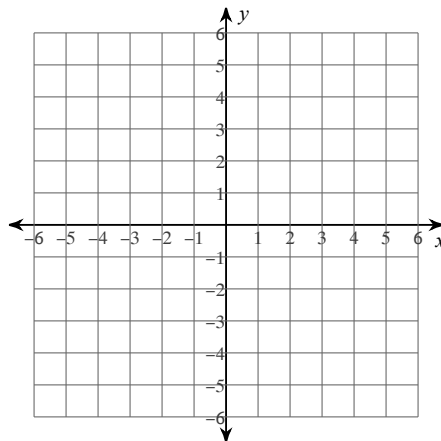
4)  $y \leq -4x - 5$



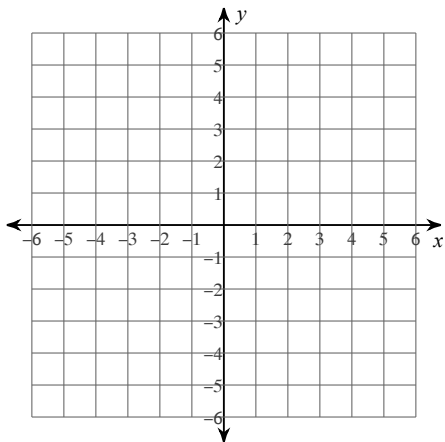
5)  $y > -4x - 4$



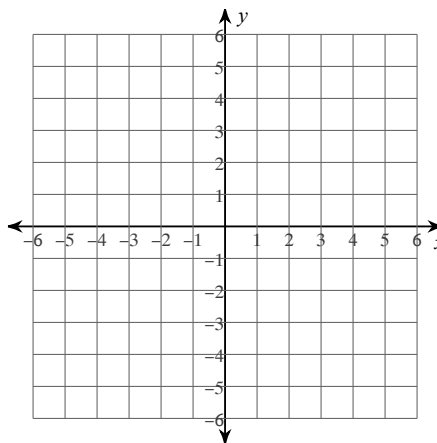
6)  $y > \frac{1}{4}x$



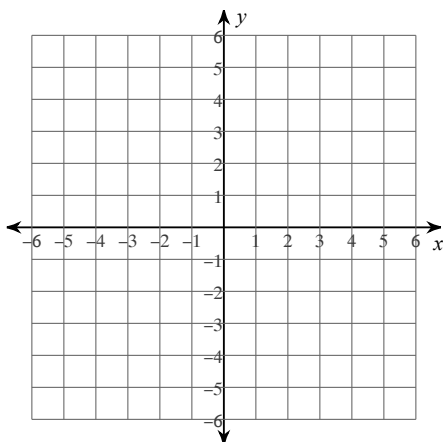
$$7) y \leq -\frac{5}{4}x + 4$$



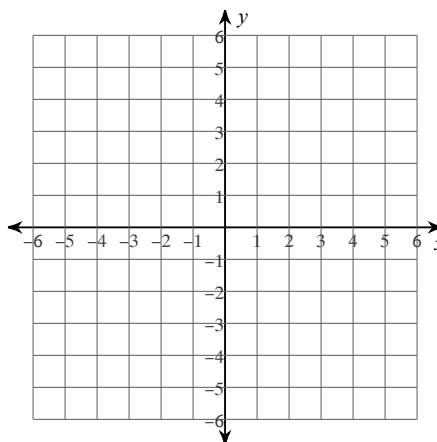
$$8) y > -6x + 5$$



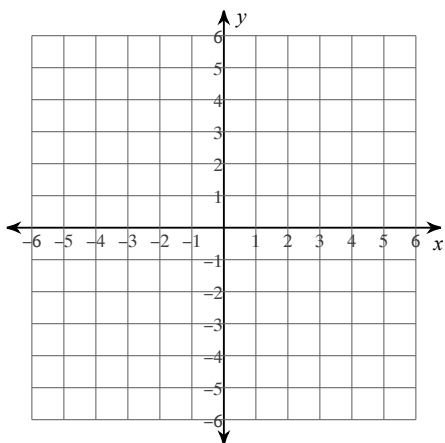
$$9) y < \frac{1}{2}x + 1$$



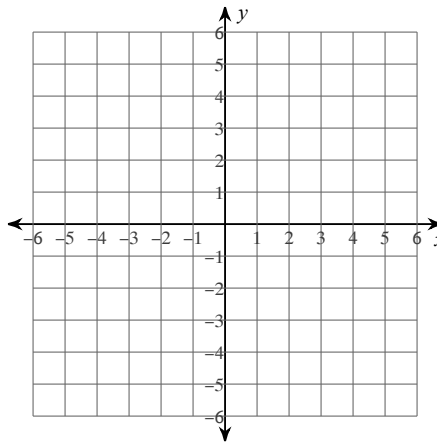
$$10) y \geq -\frac{2}{5}x - 2$$



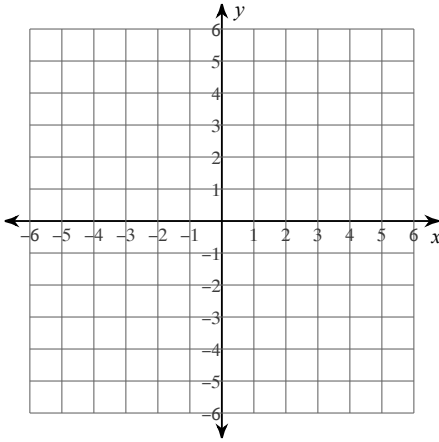
$$11) y \geq \frac{7}{3}x + 4$$



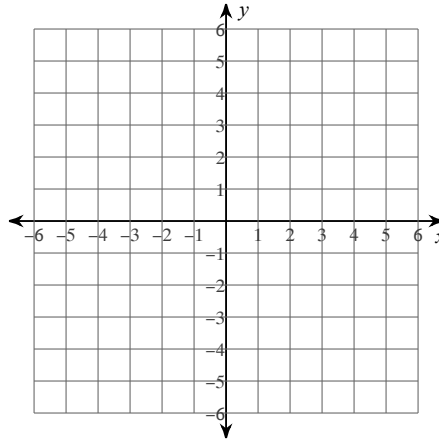
$$12) x < -2$$



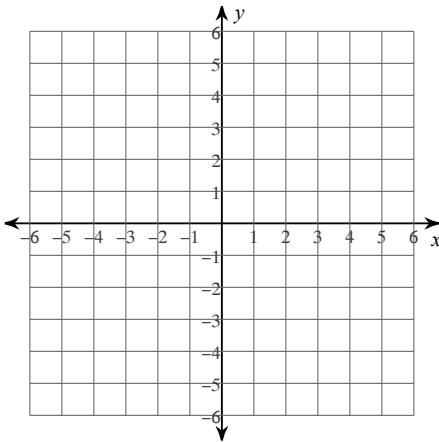
$$13) y \geq -\frac{7}{5}x + 3$$



$$14) y < -\frac{7}{5}x - 2$$



$$15) y \geq \frac{1}{2}x - 3$$



**Convert Standard Form into Slope-Intercept.**

$$16) 5x + 3y \leq -12$$

$$17) x - 2y < 8$$

$$18) 3x - 2y < -6$$

$$19) 3x + 2y < -4$$

$$20) 4x + y \leq 5$$