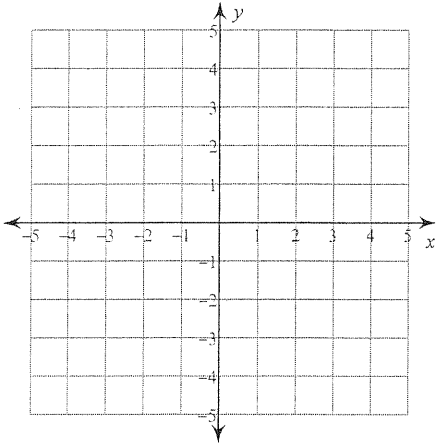


Assignment ~~4/24~~ 71

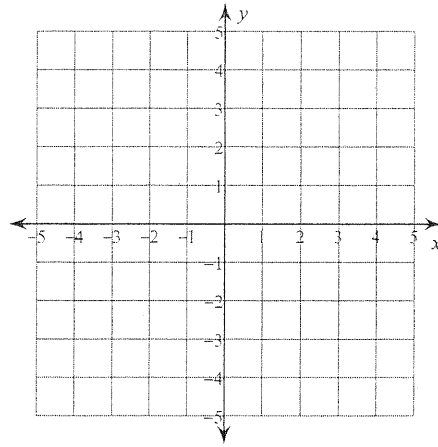
Date _____ Period _____

Sketch the solution to each system of inequalities.

1) $y \geq -3x + 2$
 $y \geq x - 2$

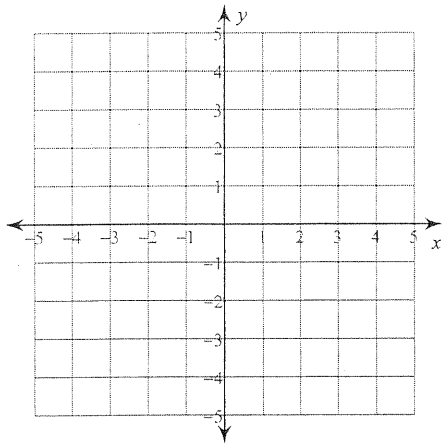


2) $y > 2x - 3$
 $y \geq 1$



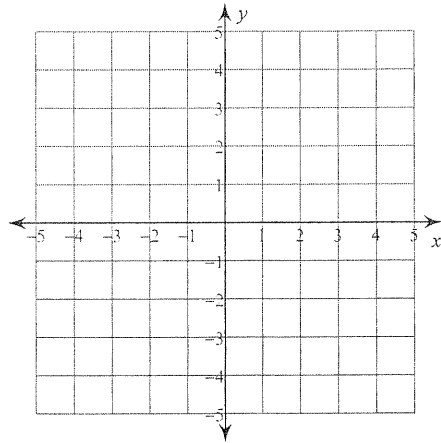
$$3) y \geq \frac{5}{2}x + 3$$

$$y \geq \frac{5}{2}x - 1$$



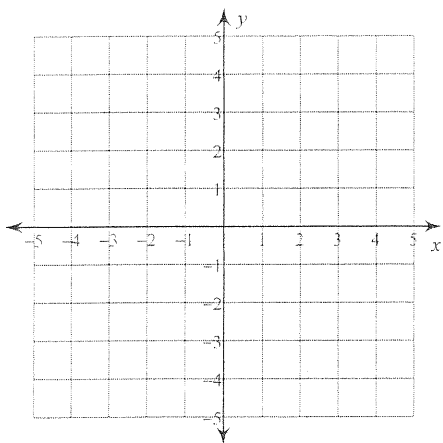
$$4) y < -\frac{3}{2}x - 2$$

$$y > \frac{1}{2}x + 2$$



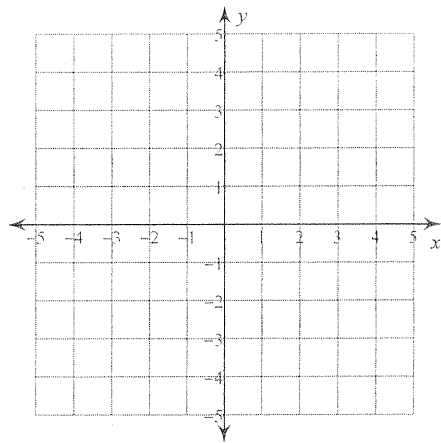
$$5) y \geq -\frac{1}{3}x + 3$$

$$y \geq \frac{5}{3}x - 3$$



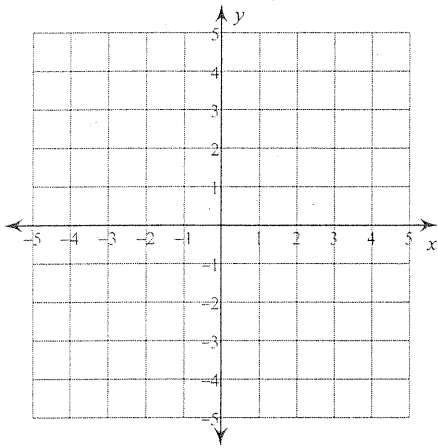
$$6) y \geq 2x + 3$$

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



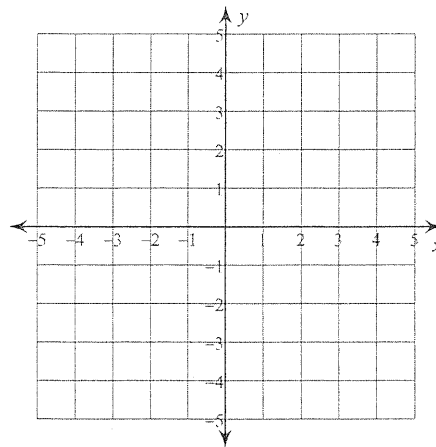
$$7) y \leq -\frac{1}{2}x + 2$$

$$y < -2x - 1$$



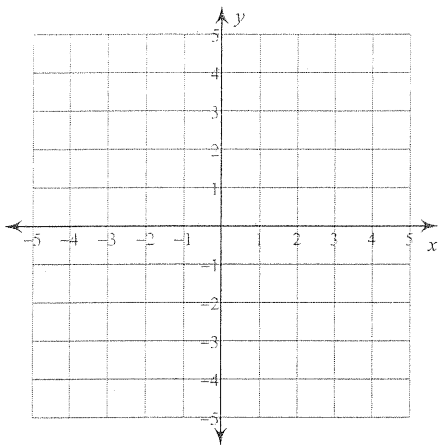
$$8) y \geq 3x - 2$$

$$y \leq 3x - 3$$



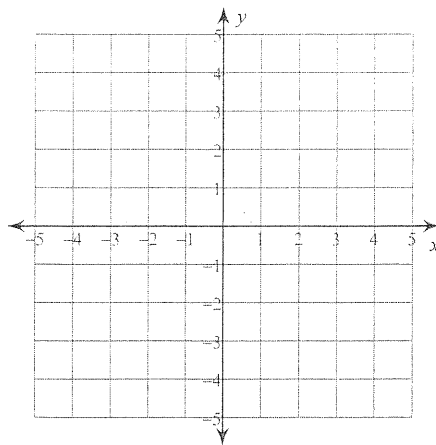
$$9) y > 2x + 3$$

$$y < -x - 3$$



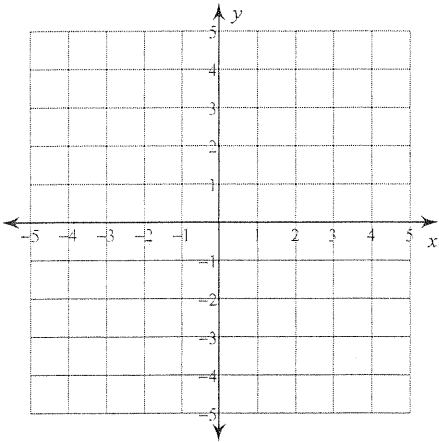
$$10) y < -2x - 3$$

$$y \leq 3x + 2$$



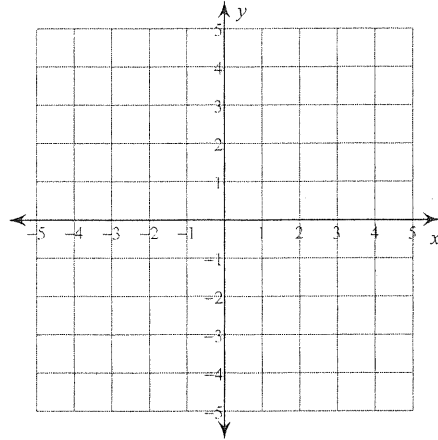
$$11) y \geq \frac{5}{3}x + 3$$

$$y \leq -\frac{1}{3}x - 3$$



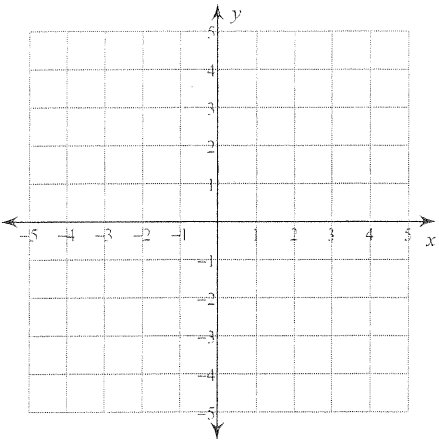
$$12) y < 2x + 2$$

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



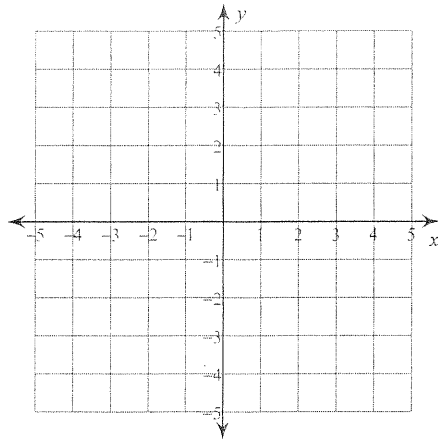
$$13) y \geq \frac{2}{3}x + 1$$

$$y > 3$$



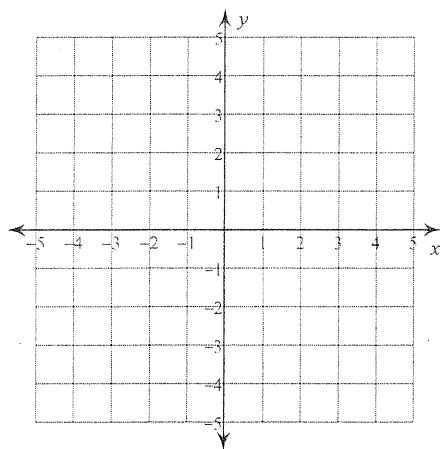
$$14) y < x + 2$$

$$y \geq 6x - 3$$



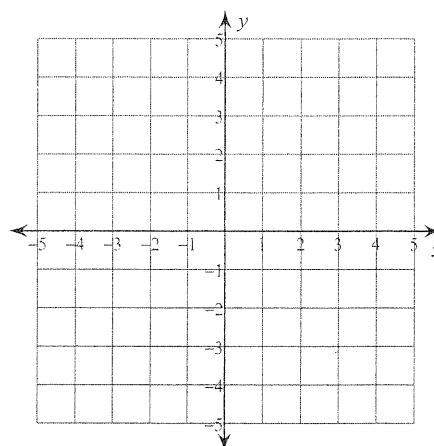
$$15) y > \frac{1}{2}x + 1$$

$$y > 2x - 2$$



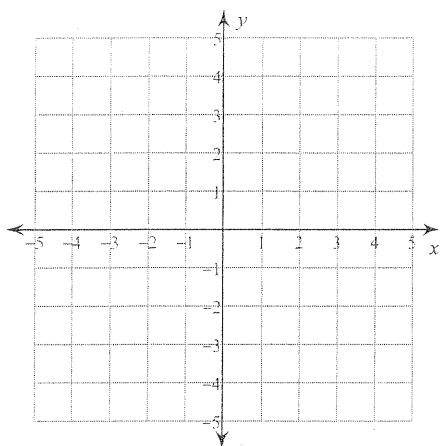
$$16) y \leq -\frac{2}{3}x - 3$$

$$y \leq \frac{4}{3}x + 3$$



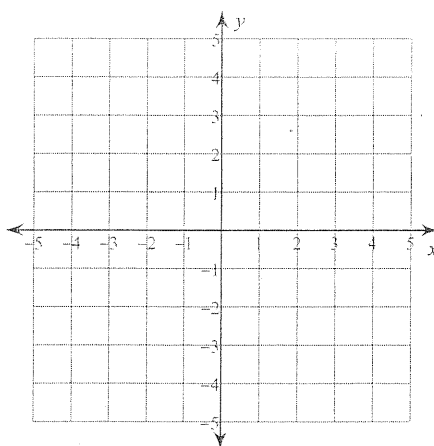
$$17) y \leq -\frac{5}{3}x - 2$$

$$y < 3$$

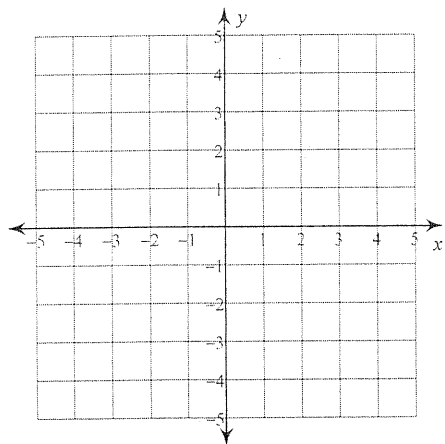


$$18) y \geq x - 1$$

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



19) $y < -2x + 3$
 $y \geq -\frac{1}{3}x - 2$



20) $y \geq \frac{3}{2}x - 1$
 $y \leq \frac{1}{2}x + 1$

