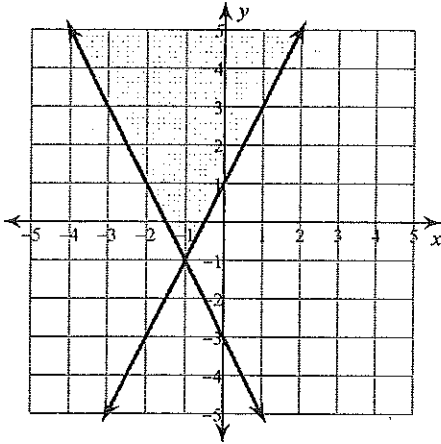


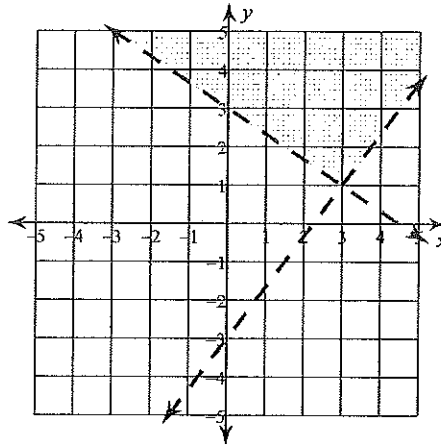
Assignment

Sketch the solution to each system of inequalities.

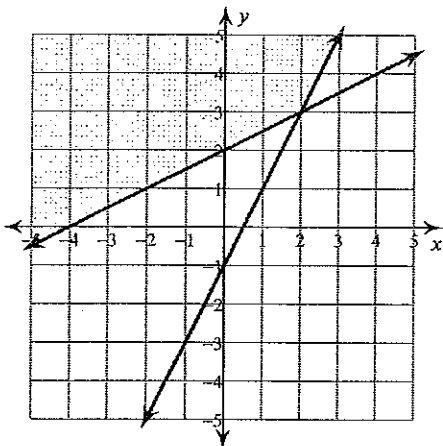
1) $y \geq -2x - 3$
 $y \geq 2x + 1$



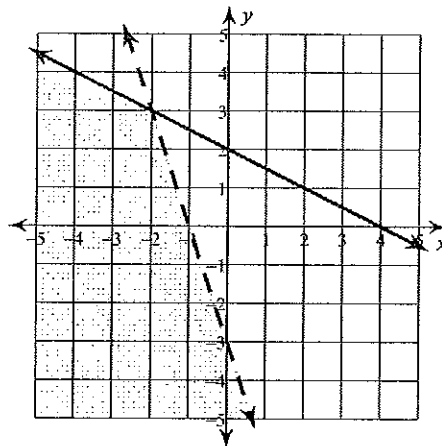
2) $y > \frac{4}{3}x - 3$
 $y > -\frac{2}{3}x + 3$



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

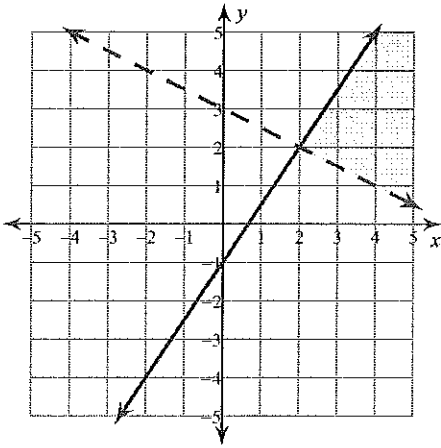


4) $y < -3x - 3$
 $y \leq -\frac{1}{2}x + 2$



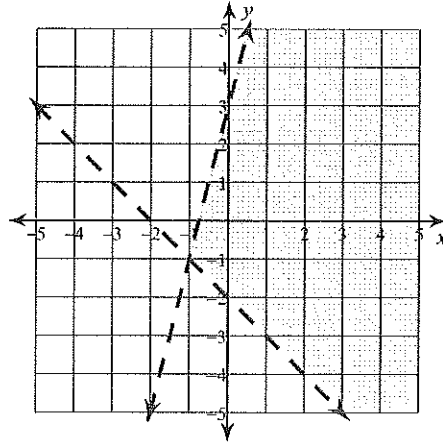
$$5) y > -\frac{1}{2}x + 3$$

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



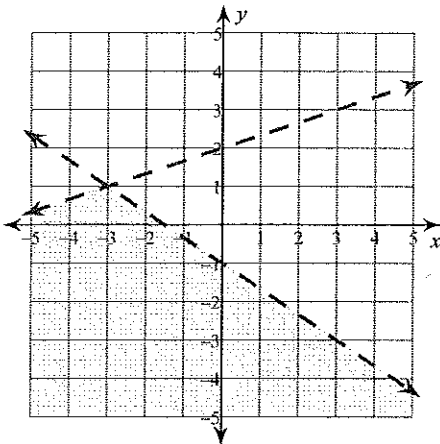
$$6) y < 4x + 3$$

$$y > -x - 2$$



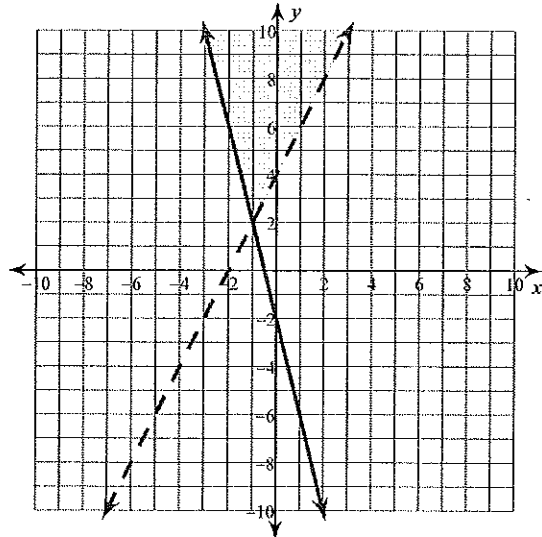
$$7) y < \frac{1}{3}x + 2$$

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

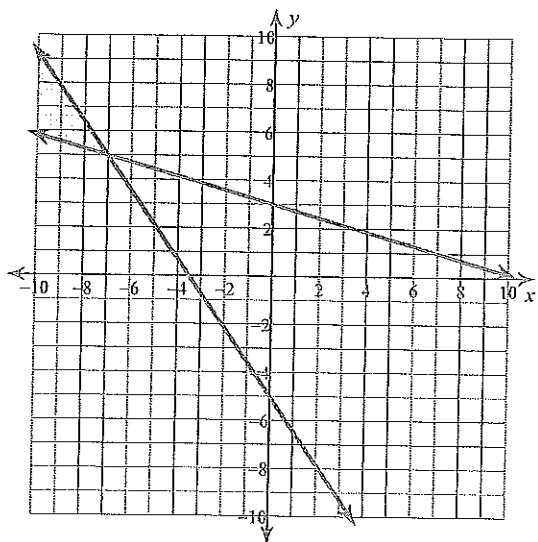


$$8) 2x - y < -4$$

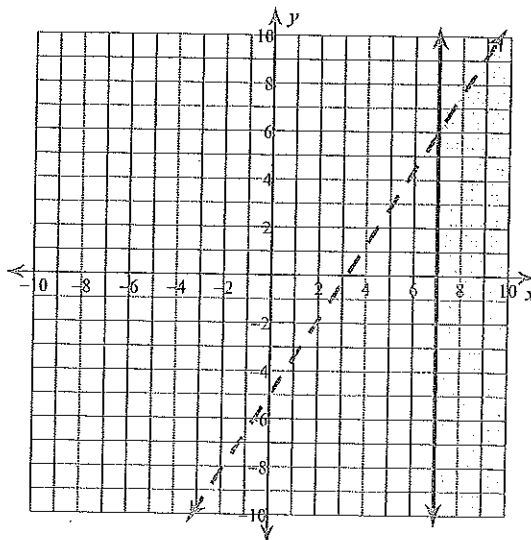
$$4x + y \geq -2$$



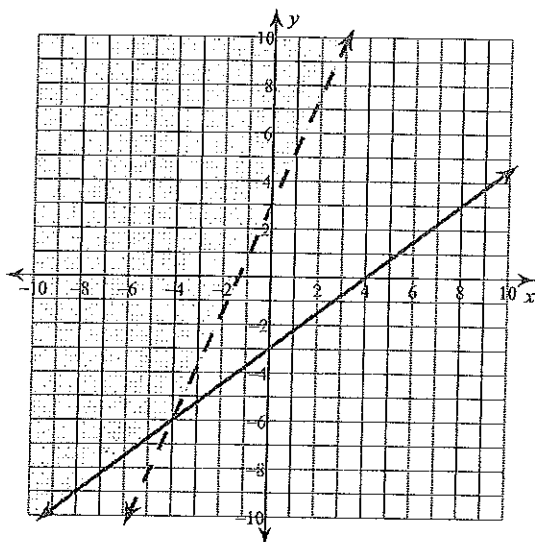
9) $10x + 7y \leq -35$
 $2x + 7y \geq 21$



10) $11x - 7y > 35$
 $x \geq 7$



11) $3x - 4y \leq 12$
 $9x - 4y < -12$



12) $3x - y < -8$
 $3x + y \leq 2$

①

