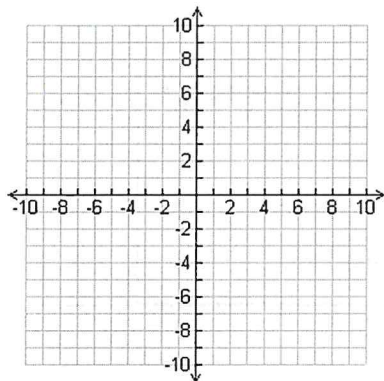


Graphing Systems of Linear Inequalities

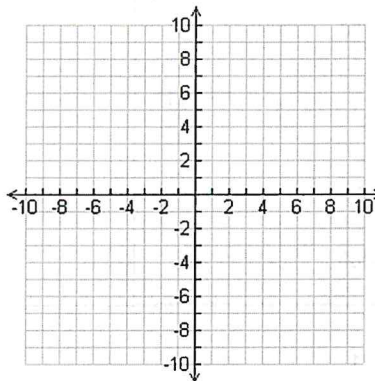
Unit 4: Systems

Sketch the solution to each system of INEQUALITIES:

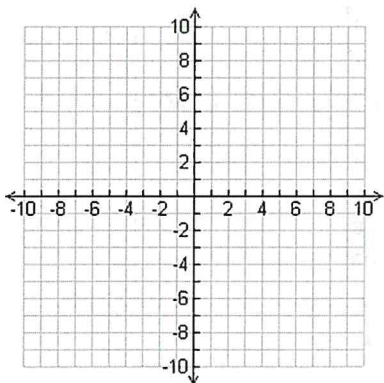
1. $4x - 3y \leq 6$
 $x + 3y > 9$



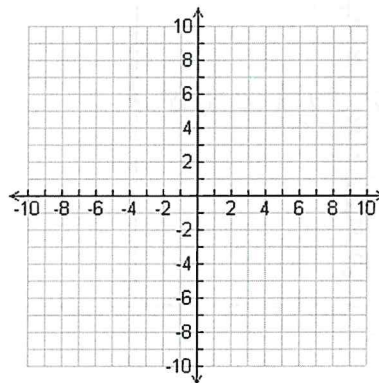
2. $x - 3y \geq 3$
 $5x - 3y < -9$



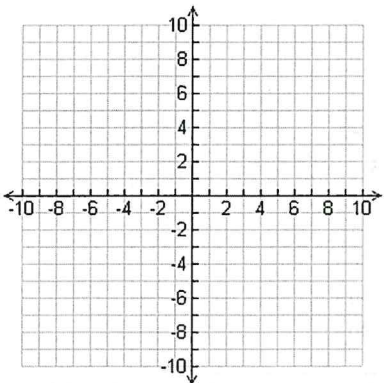
3. $x + y \leq 2$
 $5x + y < -2$



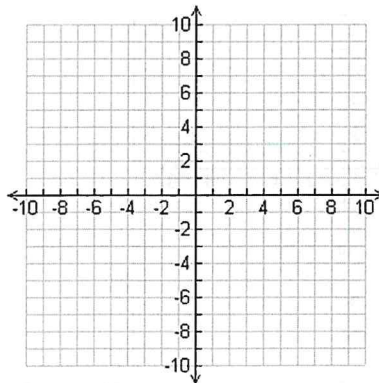
4. $4x + 3y \geq 6$
 $4x + 3y \geq -3$



5. $4x + y \leq 3$
 $4x + y > -3$

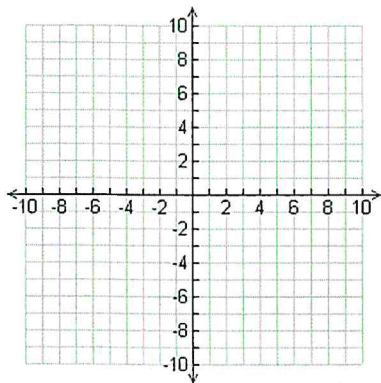


6. $x + 2y \geq 2$
 $5x + 2y > -6$



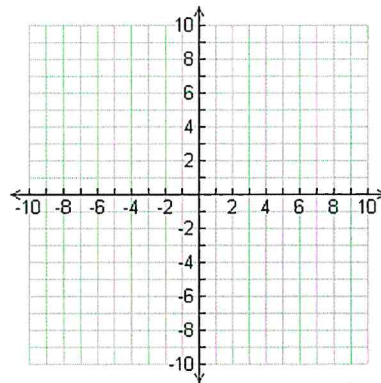
$$7. 4x - 3y > 3$$

$$x - 3y \geq -6$$



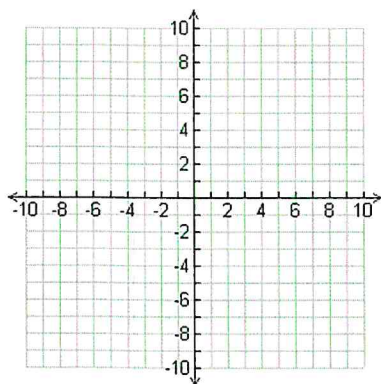
$$8. x + y < 3$$

$$3x - y \geq 1$$



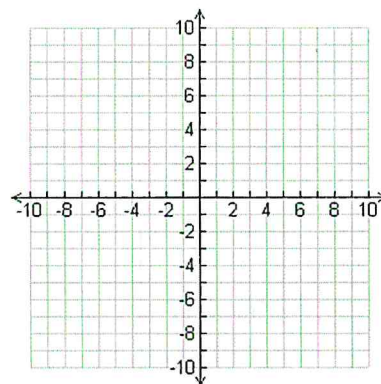
$$9. 4x - y > 2$$

$$4x - y > -1$$



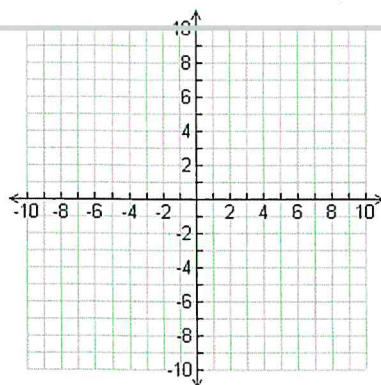
$$10. 3x + y < 2$$

$$x - y \leq 2$$



$$11. y > -3x + 3$$

$$y > -3$$



$$12. y > \frac{1}{3}x + 1$$

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

