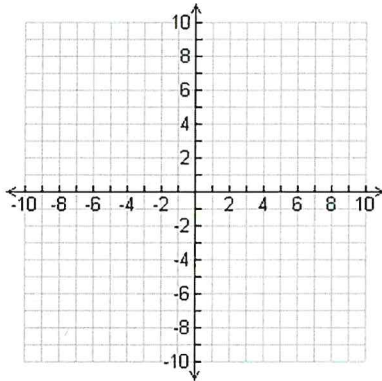


Graphing Systems of Linear Inequalities – Day 5

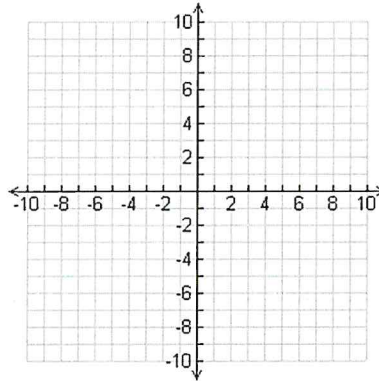
Unit 4: Systems

Sketch the solution to each system of INEQUALITIES:

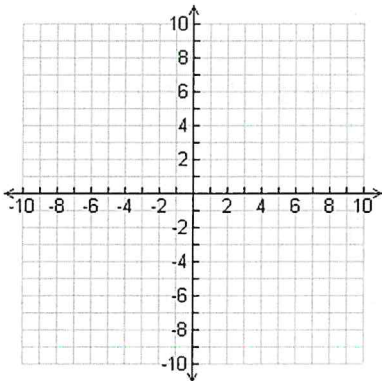
1. $x - y > -2$
 $2x + y > -1$



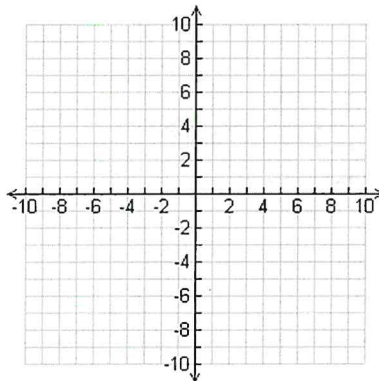
2. $2x - 3y > -3$
 $2x + 3y > -9$



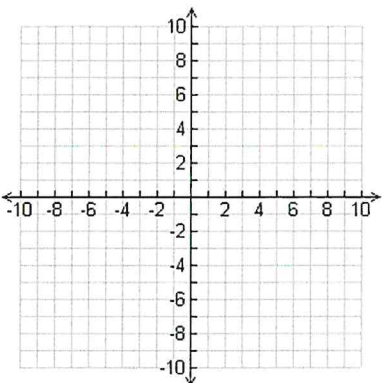
3. $4x - y < -3$
 $x + y > -2$



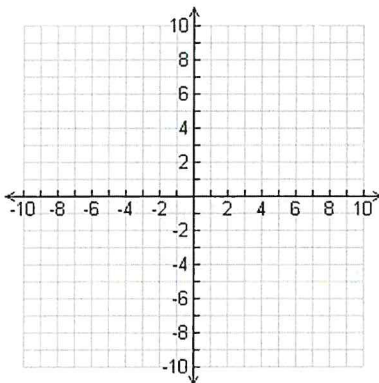
4. $5x - 2y \leq 4$
 $5x - 2y > 6$



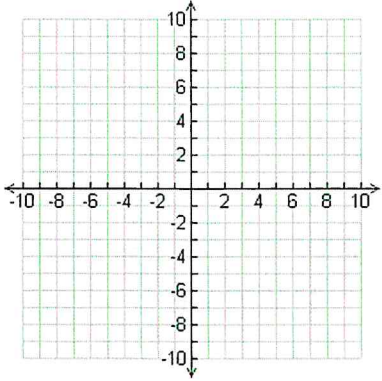
5. $x - y \geq -3$
 $x - y \leq 1$



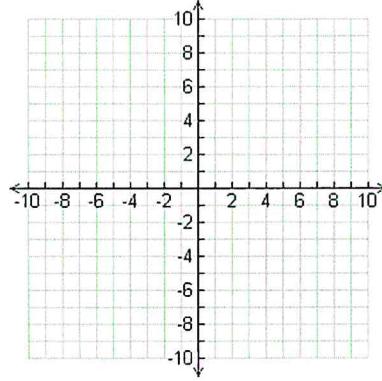
6. $2x + 3y < -3$
 $2x + y \leq 3$



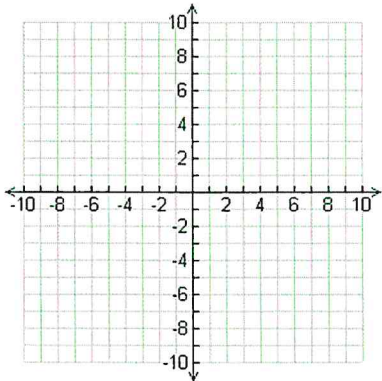
$$7. \begin{cases} 2x + 3y \geq -3 \\ x - 3y > -6 \end{cases}$$



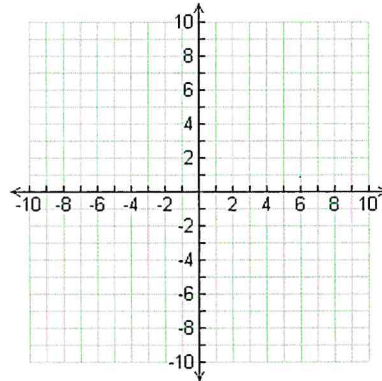
$$8. \begin{cases} x + 3y < 9 \\ x + 3y \geq -6 \end{cases}$$



$$9. \begin{cases} x + y > -2 \\ y \leq -3 \end{cases}$$

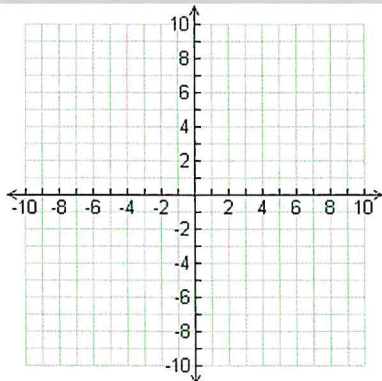


$$10. \begin{cases} 3x + 2y \leq -2 \\ 3x + 2y < 2 \end{cases}$$



$$11. \begin{cases} y \leq \frac{1}{2}x + 3 \\ y < -\frac{5}{2}x - 3 \end{cases}$$

$$y < -\frac{5}{2}x - 3$$



$$12. \begin{cases} x > 3 \\ y \leq \frac{4}{3}x - 3 \end{cases}$$

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

