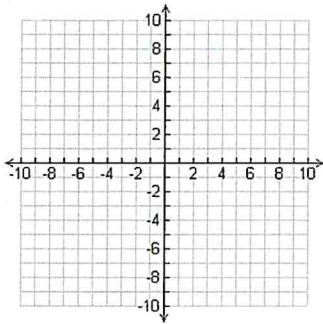


Graphing Linear Inequalities

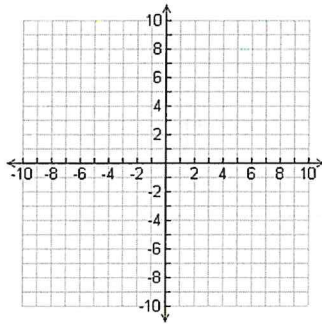
Unit 4: Systems

Sketch the graph of each of the following Linear Inequalities:

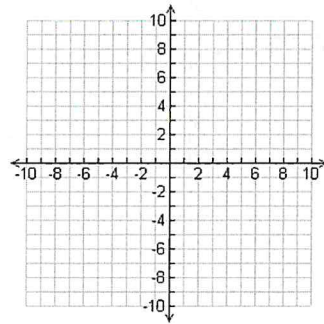
1. $x + 3y > 9$



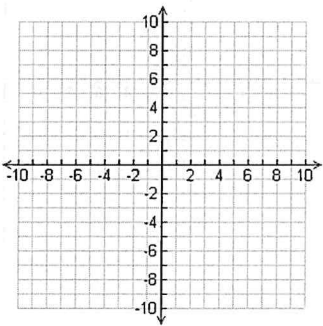
2. $2x - y > -3$



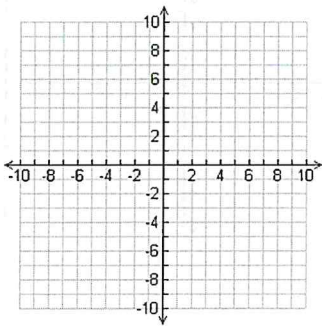
3. $y \geq -1$



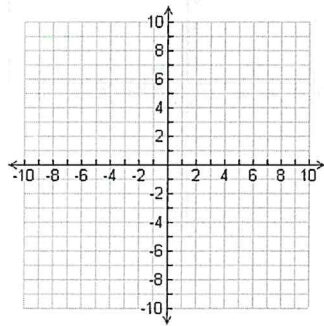
4. $5x + 2y \geq 8$



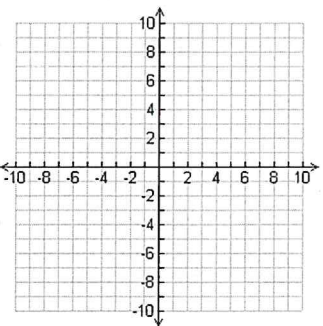
5. $x + 2y \geq 2$



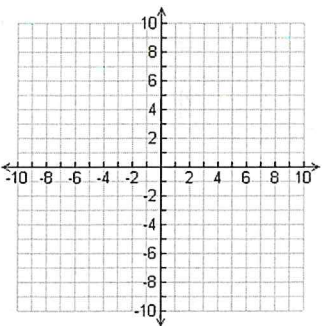
6. $7x - 2y < 4$



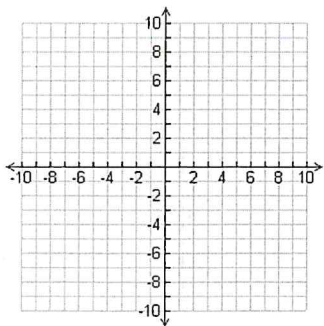
7. $y \leq -4$



8. $2x + 3y \geq -9$

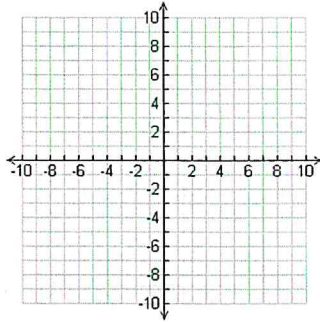


9. $3x - y < -5$

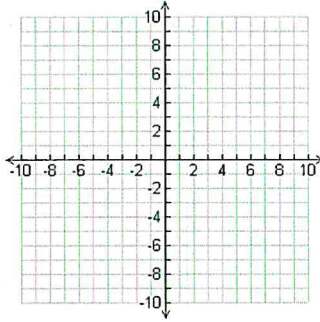


Sketch the graph of each of the following Linear Inequalities:

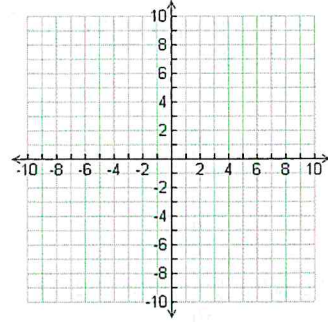
10. $2x - 5y < 20$



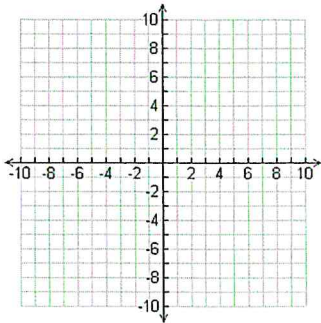
11. $y \geq -\frac{1}{2}x - 2$



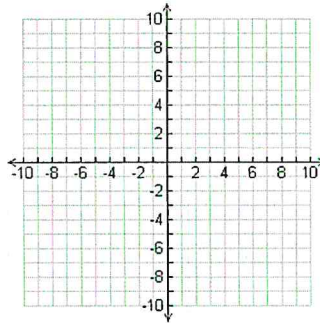
12. $y \geq x$



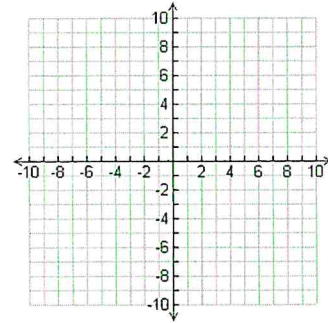
13. $x < 5$



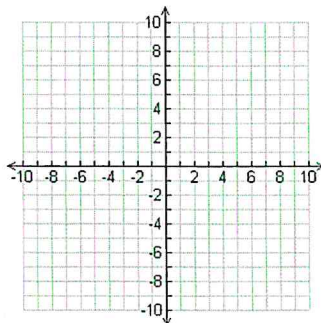
14. $y > x + 2$



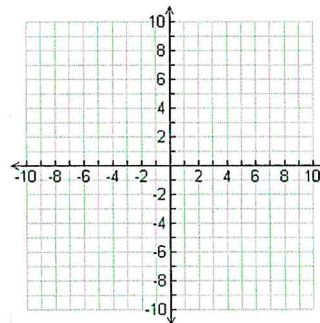
15. $y < -\frac{4}{5}x - 5$



16. $y < -3x - 1$



17. $y > -8x - 4$



18. $y < -\frac{4}{5}x + 4$

