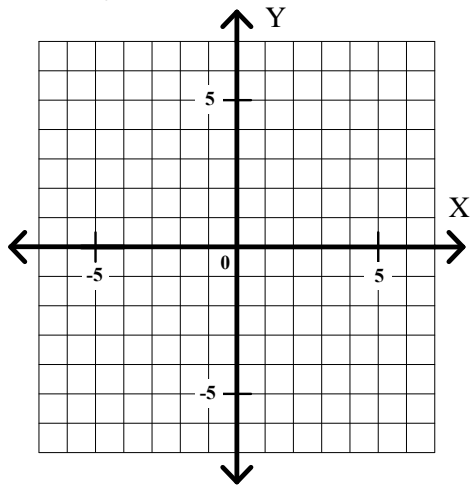


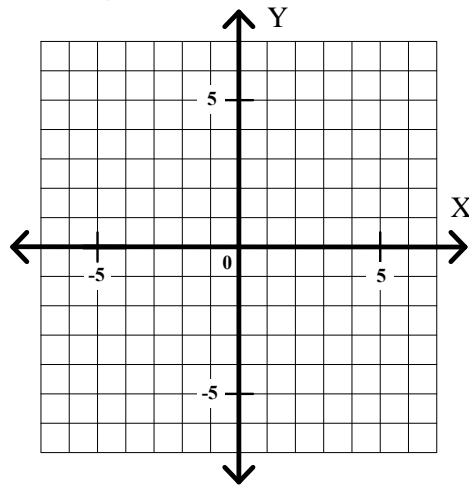
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Graph each of the following linear inequalities.

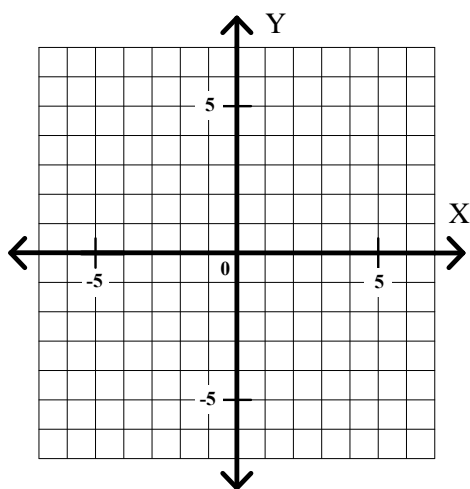
1. $y < -2x + 4$



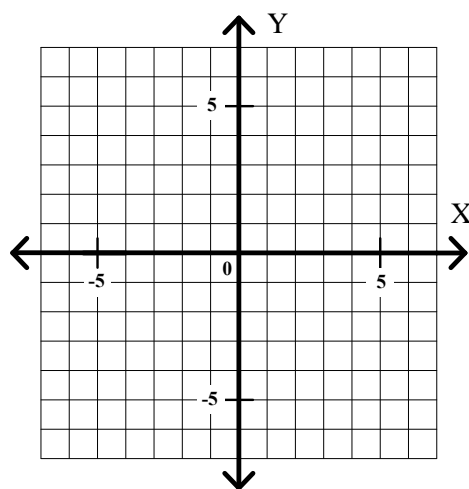
2. $y \geq 3x - 2$



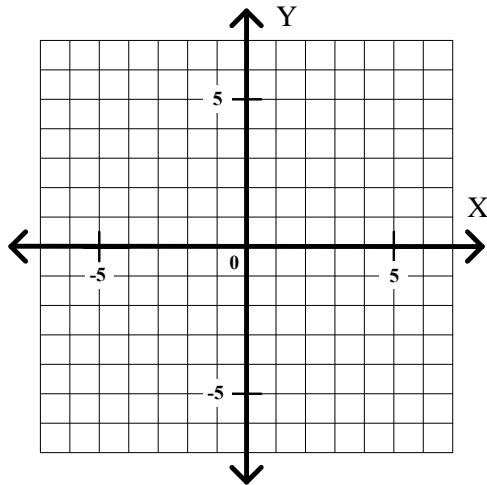
3. $y \leq \frac{2}{3}x + 1$



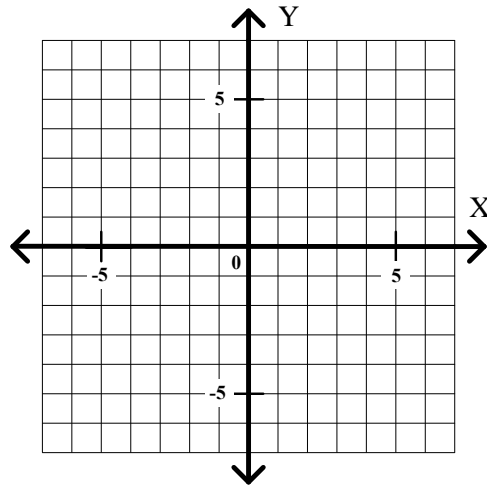
4. $y > -\frac{5}{3}x - 3$



5. $3x + 5y > 10$



6. $4x - 3y \geq 9$

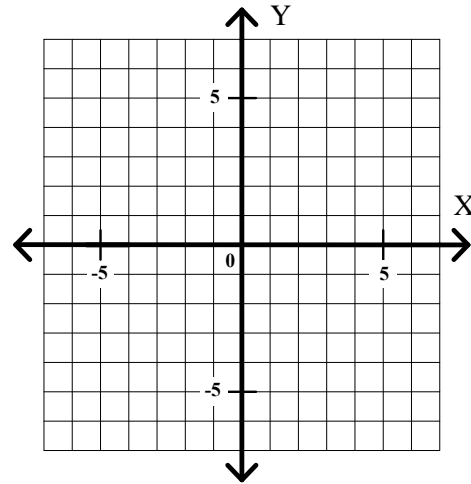
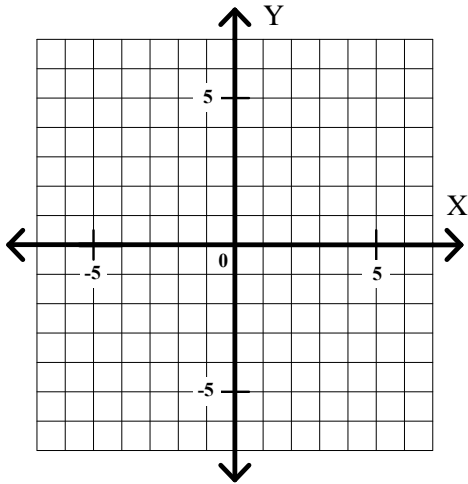


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Graph the solution set of each of the following compound inequalities. Find the coordinates of any vertex.

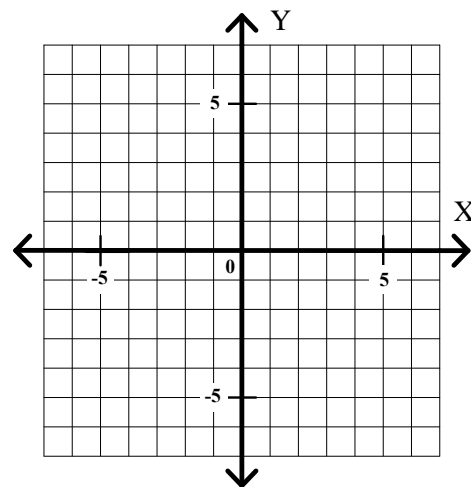
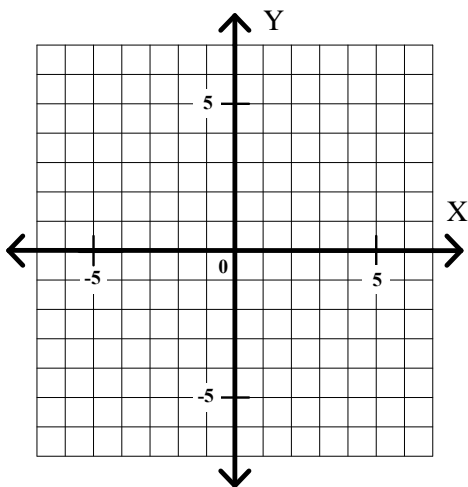
7. $y < 2$ and $x + 2y < 4$

8. $x \leq 2$ and $3x - 2y < 4$



9. $2x + 3y \leq 3$ or $x \geq 3$

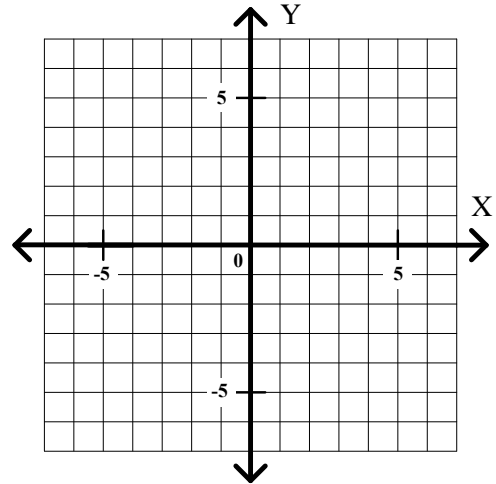
10. $x + 4y > 0$ or $x - y > 0$



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Graph the following systems of inequalities.

11. $x - y \leq 7$
 $2x + y \geq -4$
 $x + 2y \leq 4$



12. $x - 2y \geq -8$
 $x + 4 \geq 0$
 $x + y \geq -5$
 $3x - 2y \leq 10$
 $3x + 4y \leq 16$

