

## Assignment: Graphing linear Inequation

Sketch the unwanted solution to each system of inequalities.

1)  $3x - 2y > 4$   
 $x + y \leq 3$

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

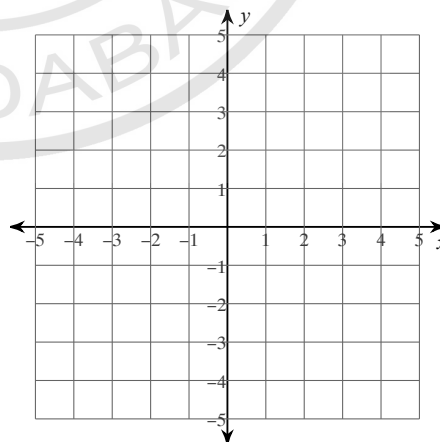
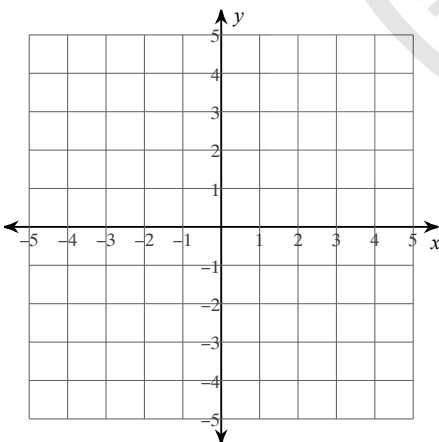
3)  $y > x - 2$   
 $y < 4x + 1$

4)  $y \geq \frac{1}{3}x - 3$   
 $y > -\frac{4}{3}x + 2$

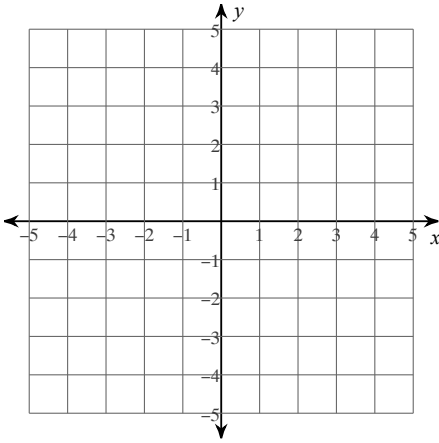
Sketch the solution to each system of inequalities.

5)  $y \leq -3$   
 $2x - y \geq 1$

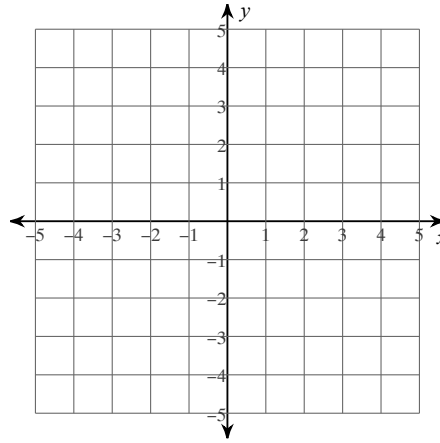
6)  $x + 2y \leq 4$   
 $x \geq -2$



7)  $2x + y \geq 3$   
 $x + 3y > -6$

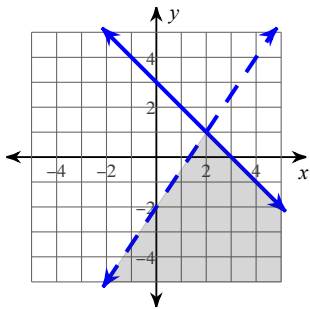


8)  $2x + y \geq -1$   
 $x - y \leq -2$

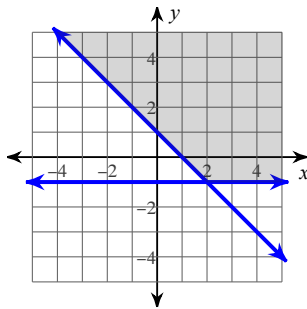


# Answers to Assignment: Graphing linear Inequation

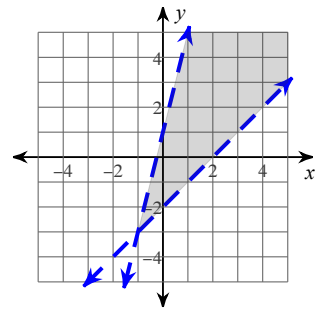
1)



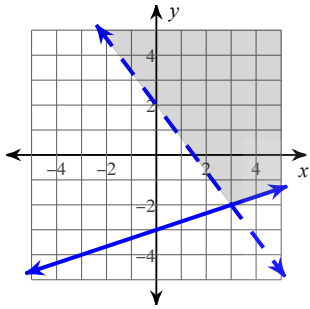
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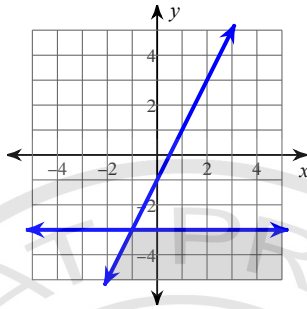
3)



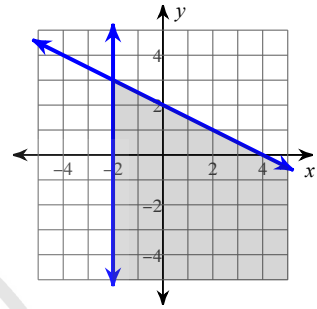
4)



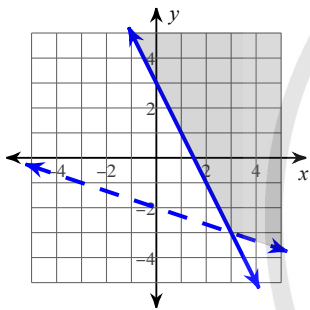
5)



6)



7)



8)

