

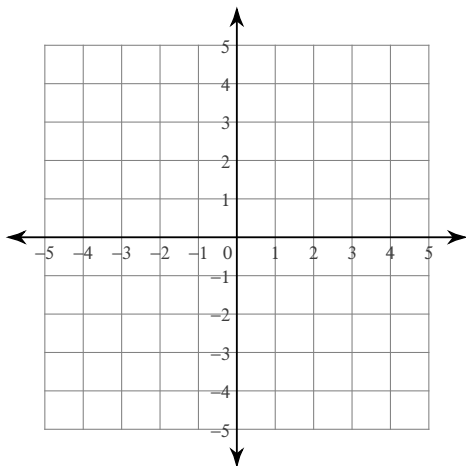
## Systems of Inequalities Practice

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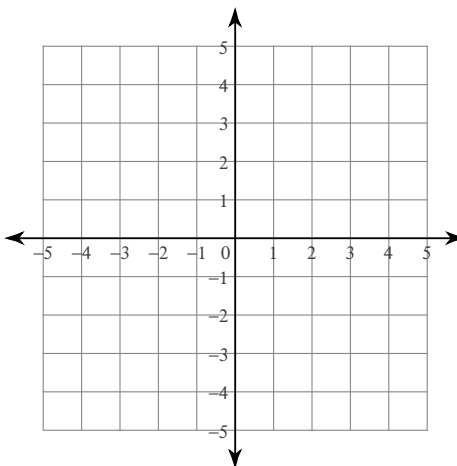
Sketch the solution to each system of inequalities.

1)  $y \leq -\frac{1}{3}x + 3$

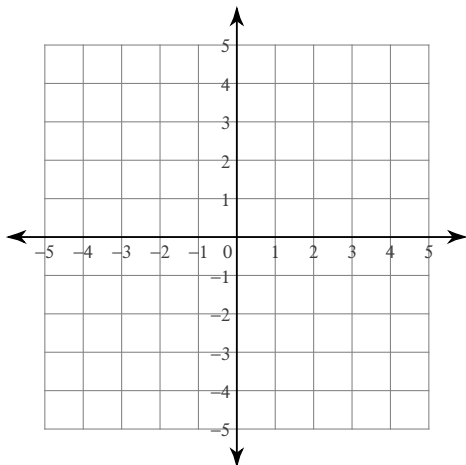
$y \geq \frac{1}{3}x + 1$



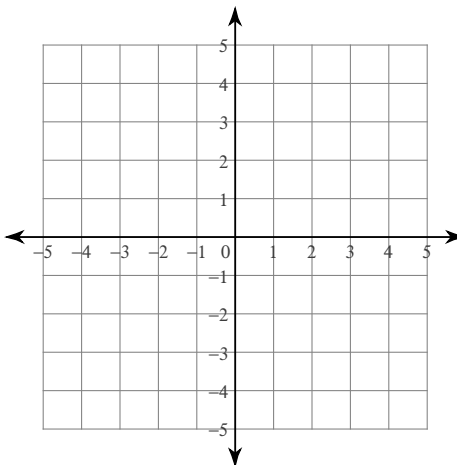
2)  $y \geq -2x - 3$   
 $y > 4x + 3$



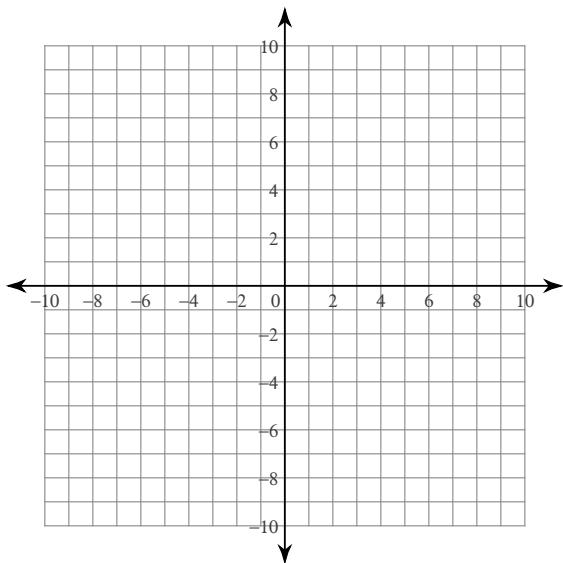
3)  $2x - y \geq 2$   
 $2x - y \geq -1$



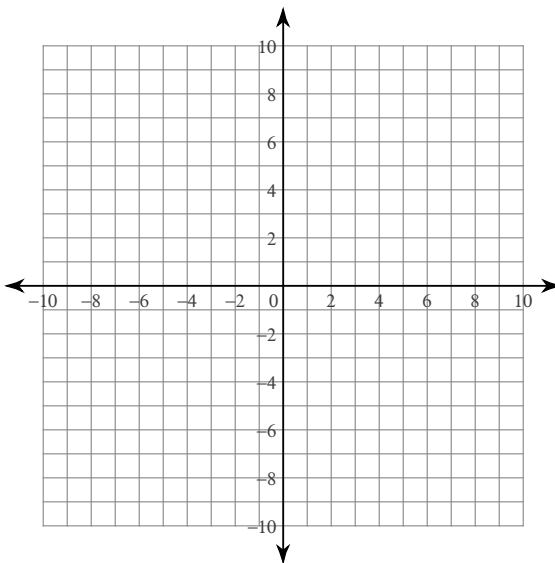
4)  $x - 2y < 2$   
 $5x - 2y > -6$



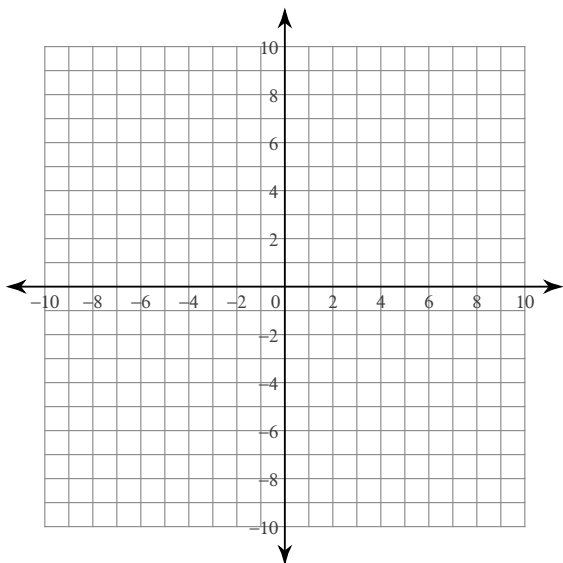
$$5) \begin{aligned} x + 2y &< -4 \\ x &< 4 \end{aligned}$$



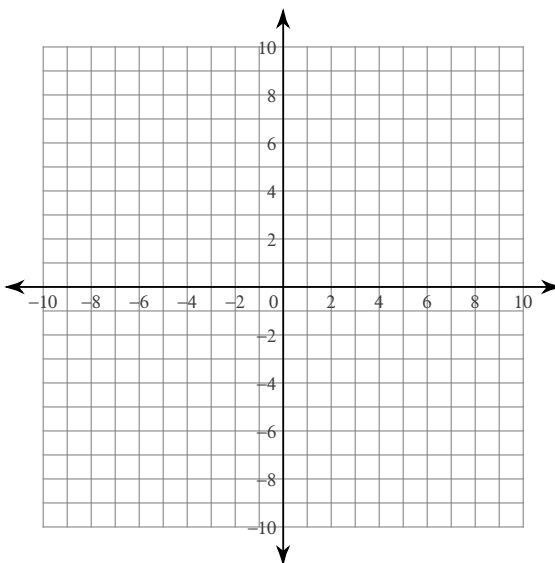
$$6) \begin{aligned} 11x - 8y &> -24 \\ x - 8y &\geq 56 \end{aligned}$$



$$7) \begin{aligned} y &\leq \frac{7}{8}x - 8 \\ y &< -\frac{5}{8}x + 4 \end{aligned}$$



$$8) \begin{aligned} x &\geq -4 \\ y &< -\frac{1}{4}x + 1 \end{aligned}$$



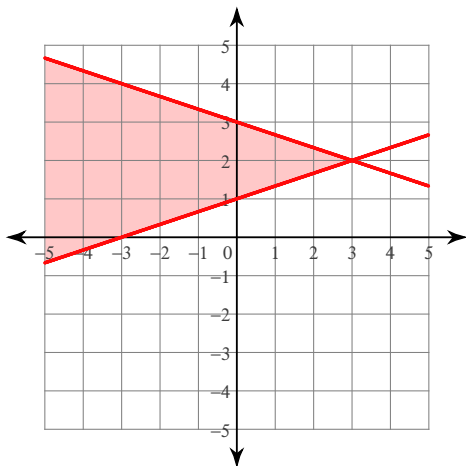
# Systems of Inequalities Practice

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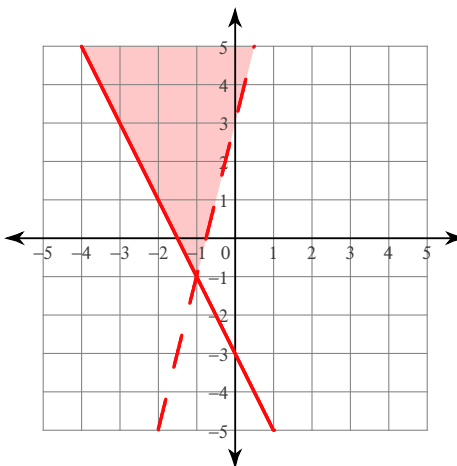
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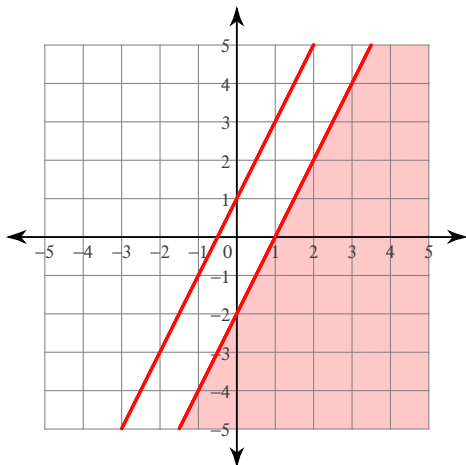
$y \geq \frac{1}{3}x + 1$



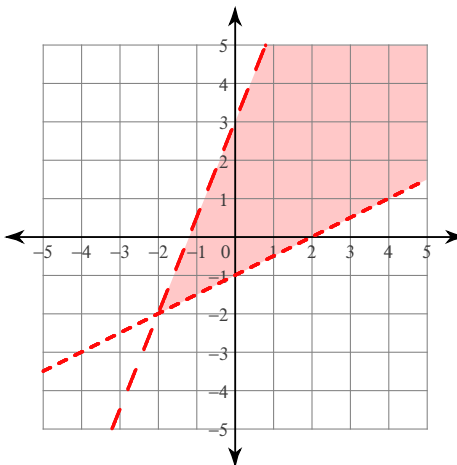
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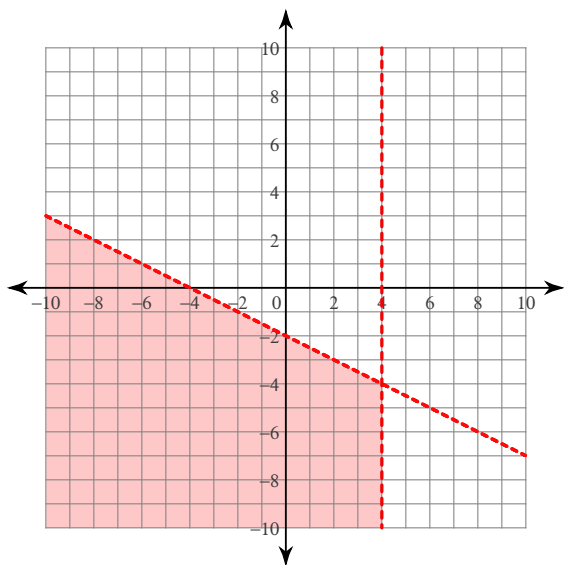
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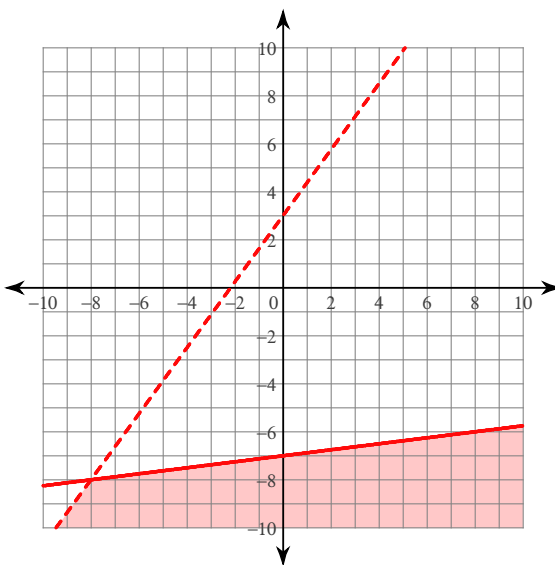
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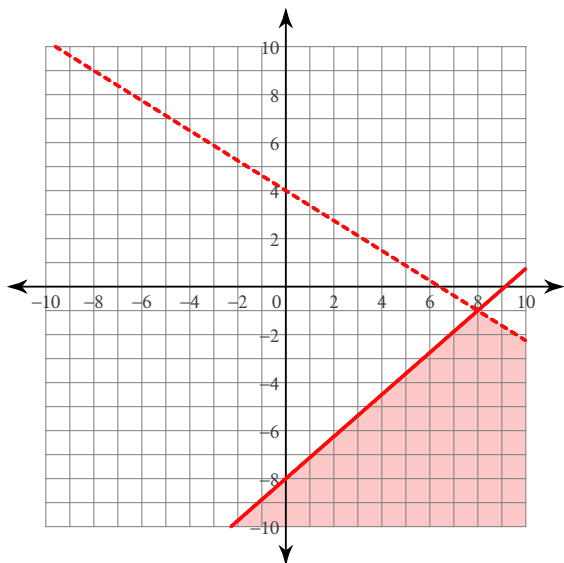
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