

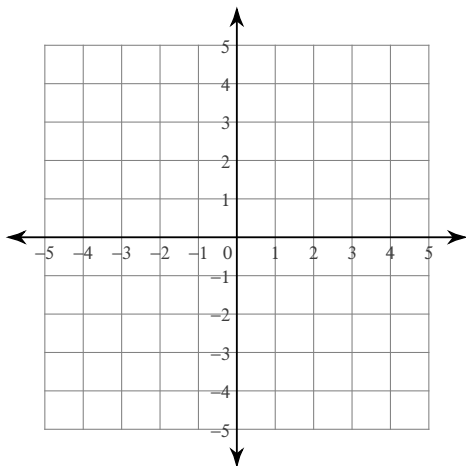
## Systems of Linear Inequalities Revisited

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**Sketch the solution to each system of inequalities.**

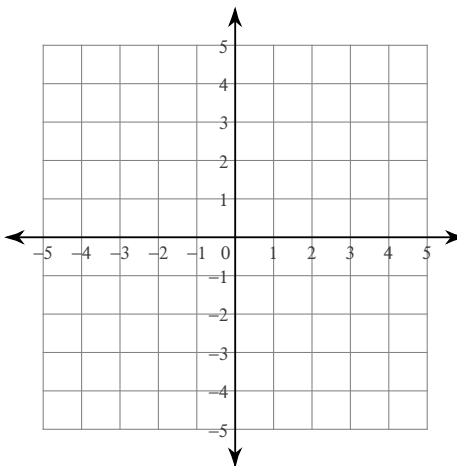
1)  $y > \frac{5}{2}x + 2$

$y < \frac{1}{2}x - 2$

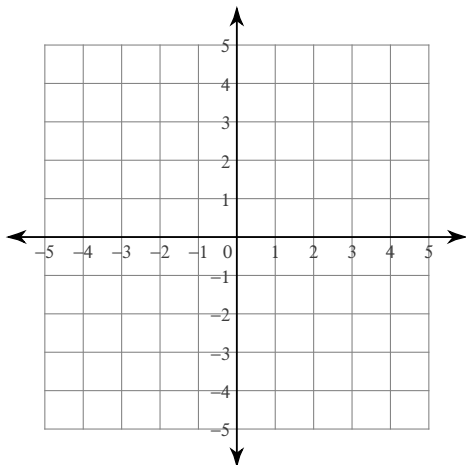


2)  $y \geq -\frac{1}{2}x + 3$

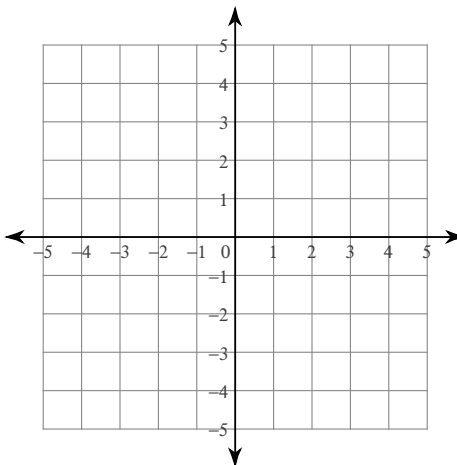
$y > \frac{1}{2}x + 1$



3)  $x - y < 1$   
 $x + y \leq 3$

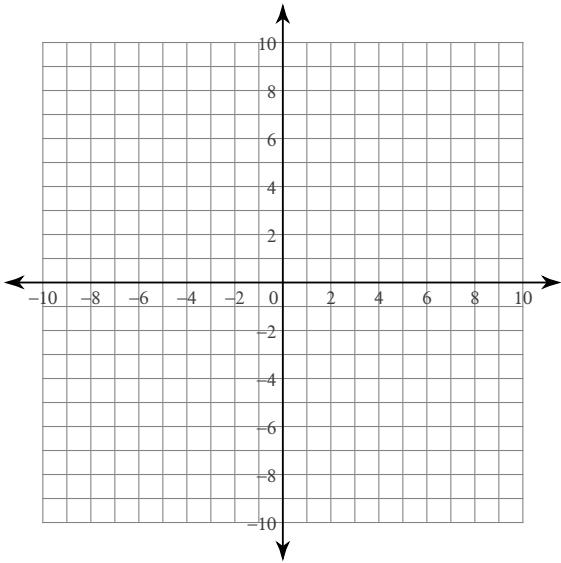


4)  $3x + y \leq -3$   
 $x + 2y < 4$



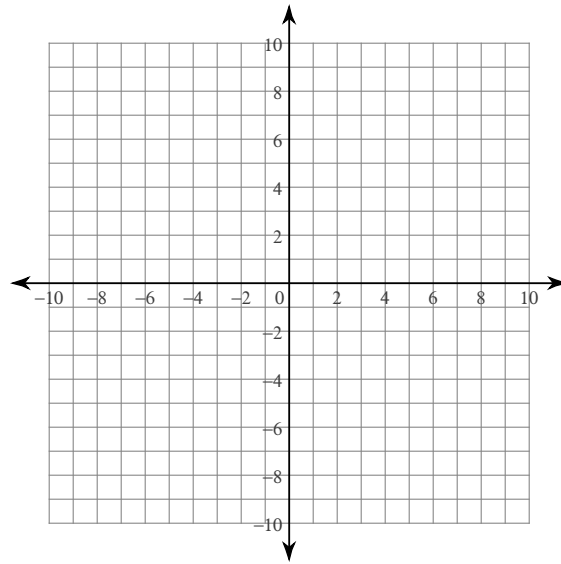
$$5) y \leq -\frac{13}{6}x - 7$$

$$y < 6$$



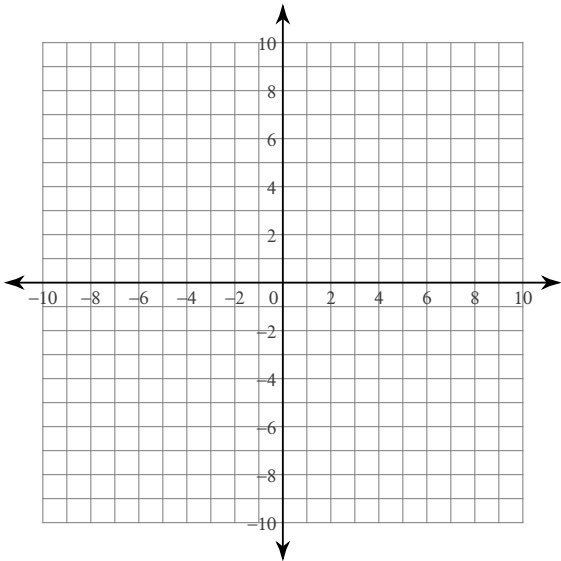
$$6) y \geq -\frac{3}{7}x + 5$$

$$y < \frac{6}{7}x - 4$$



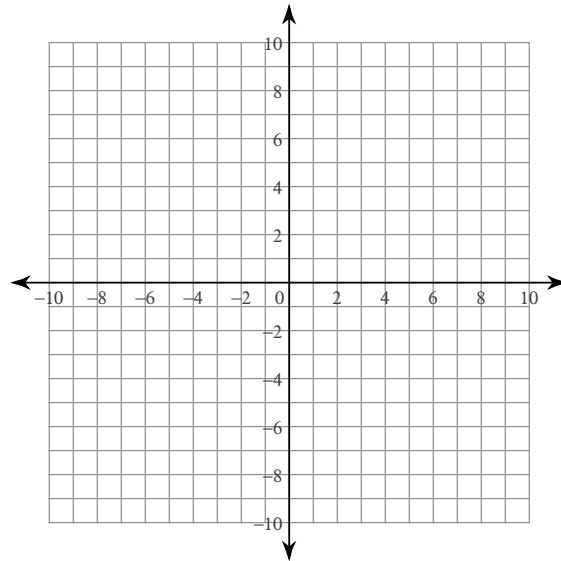
$$7) 14x - y \geq -6$$

$$14x - y \leq -1$$



$$8) x + 2y \geq -16$$

$$4x - 3y \leq -9$$



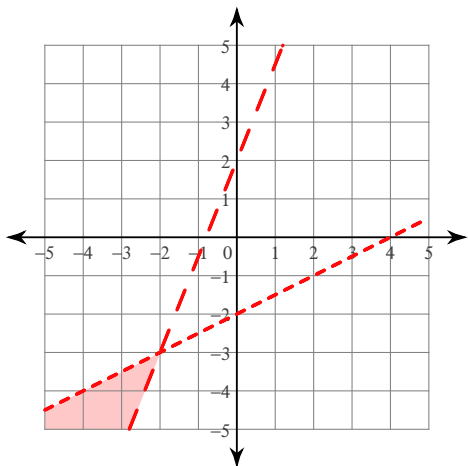
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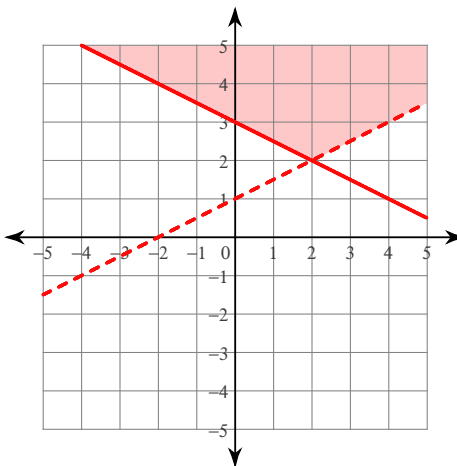
1)  $y > \frac{5}{2}x + 2$

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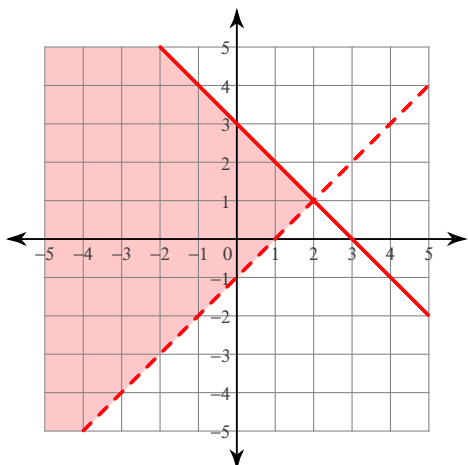


2)  $y \geq -\frac{1}{2}x + 3$

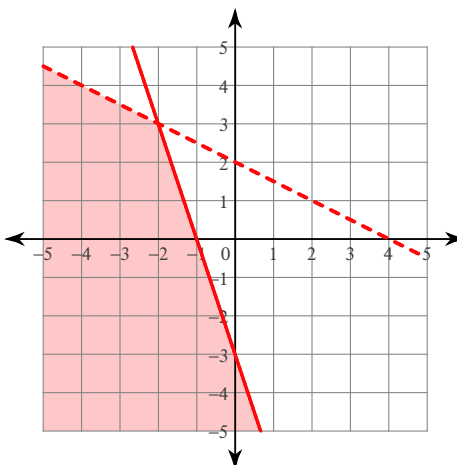
$y > \frac{1}{2}x + 1$



3)  $x - y < 1$   
 $x + y \leq 3$

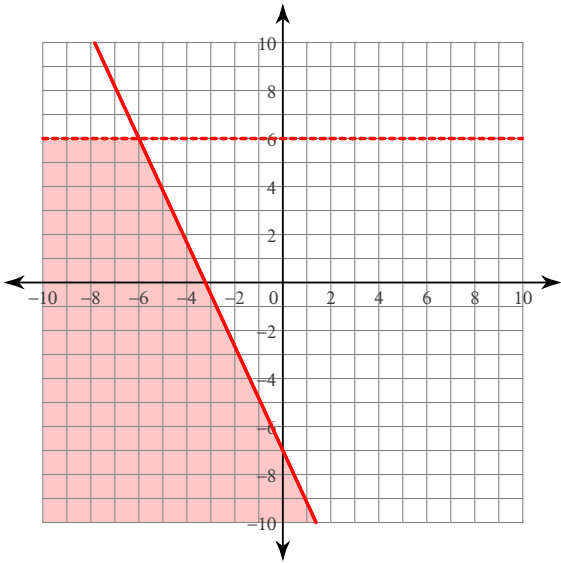


4)  $3x + y \leq -3$   
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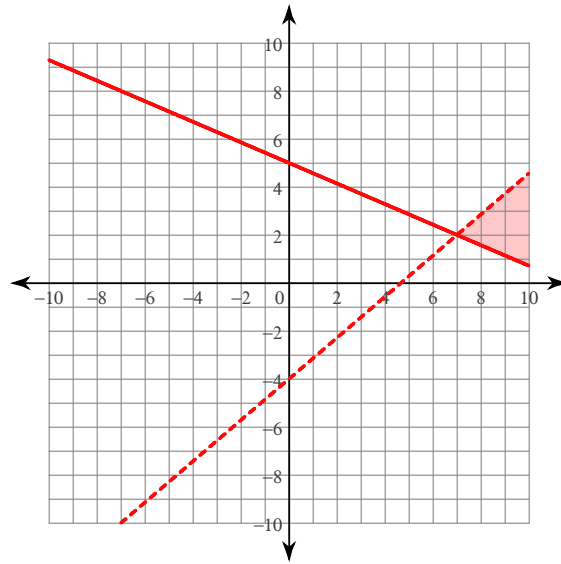
$$5) y \leq -\frac{13}{6}x - 7$$

$$y < 6$$



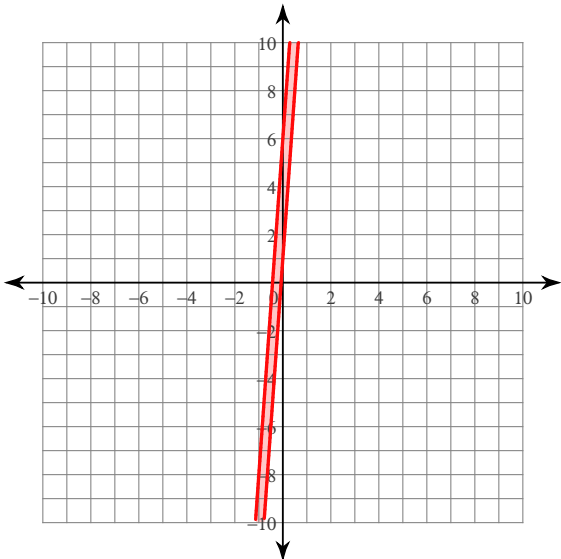
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