

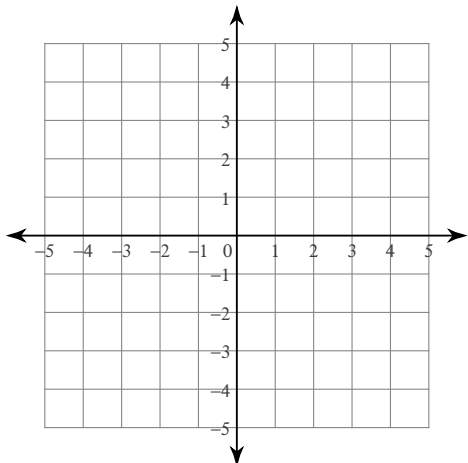
Systems of Inequalities Homework

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Sketch the solution to each system of inequalities.

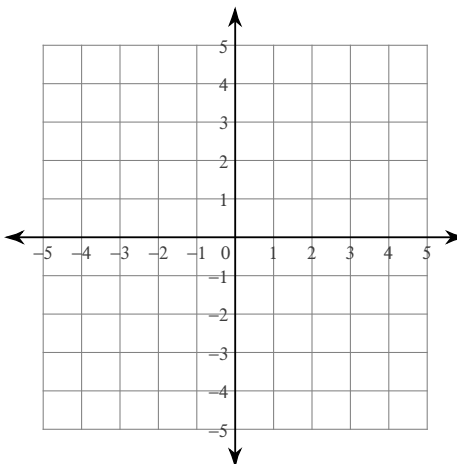
1) $y > \frac{1}{2}x - 2$

$x < 2$



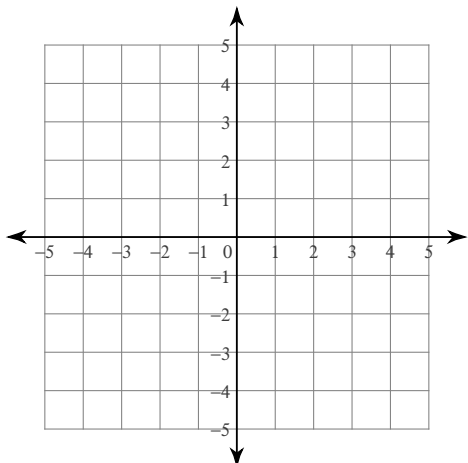
2) $y < -\frac{1}{3}x - 2$

$y < -\frac{5}{3}x + 2$



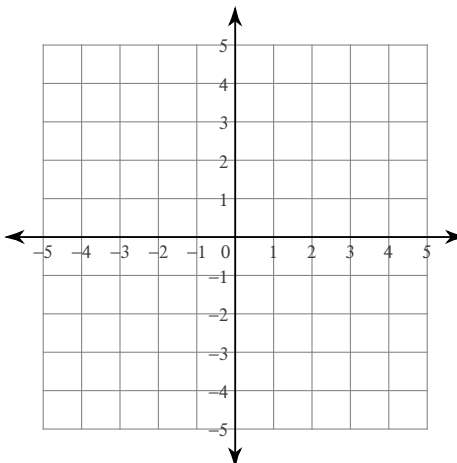
3) $x - y \leq -2$

$5x - y \leq 2$

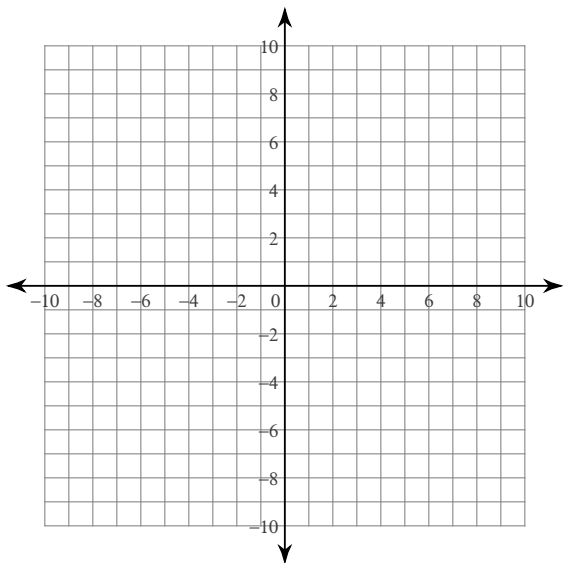


4) $x + y < 1$

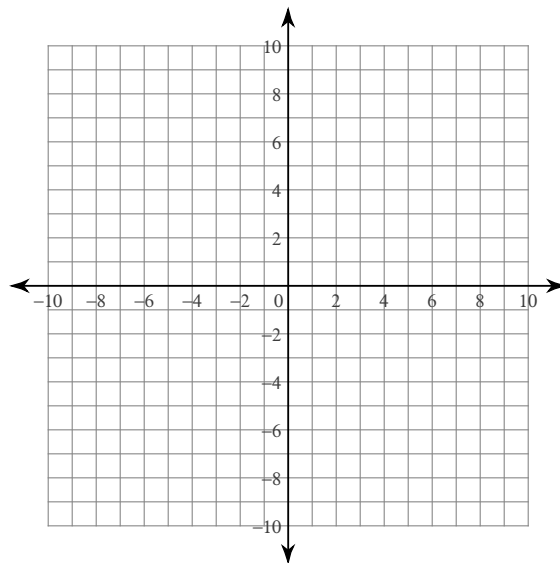
$x - 2y > 4$



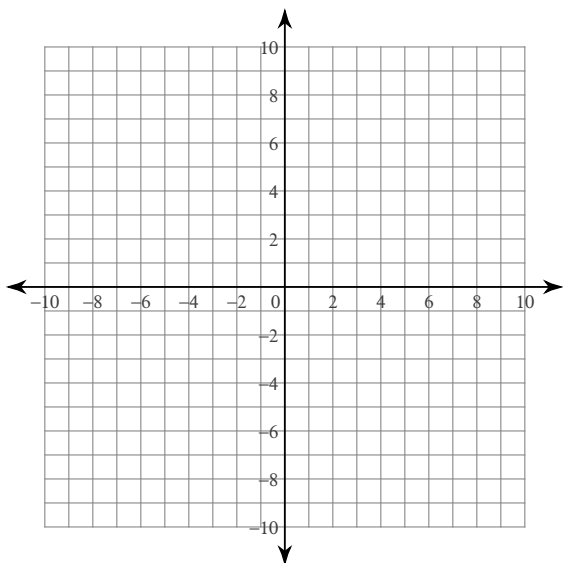
5) $x - y \geq -7$
 $x + 2y < -4$



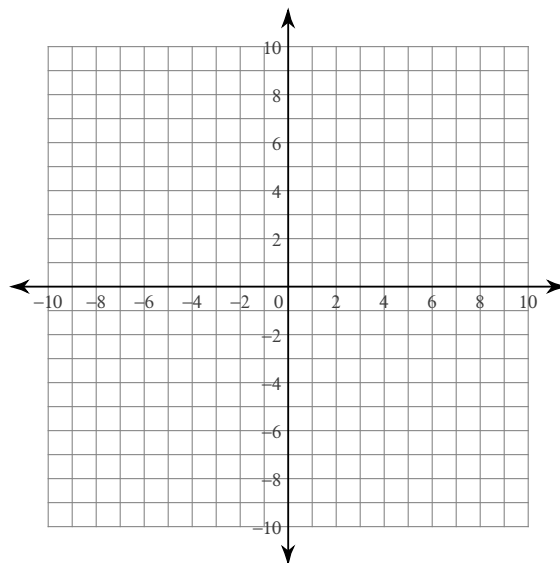
6) $x + 4y \geq 24$
 $x + 4y > 28$



7) $x \leq -8$
 $y > -\frac{3}{8}x + 5$



8) $y < -\frac{11}{4}x + 5$
 $y \geq \frac{1}{2}x - 8$

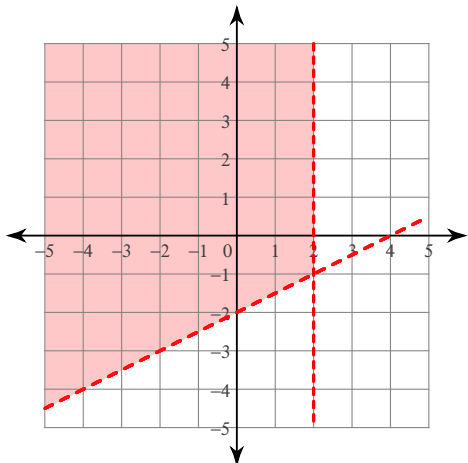


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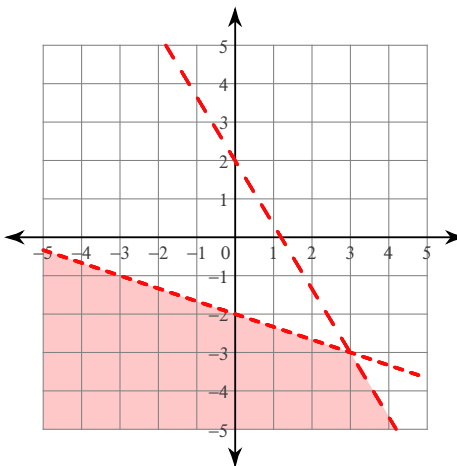
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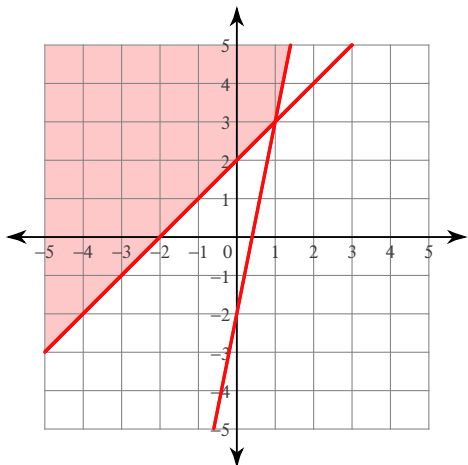
1) $y > \frac{1}{2}x - 2$
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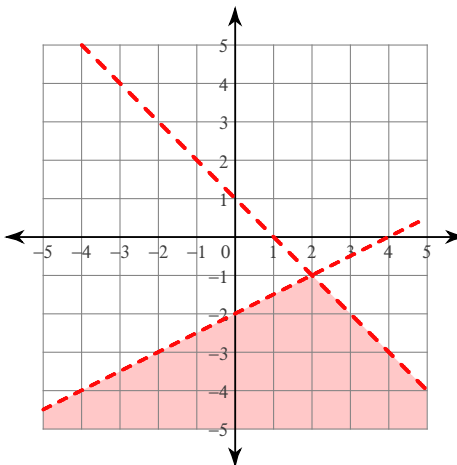
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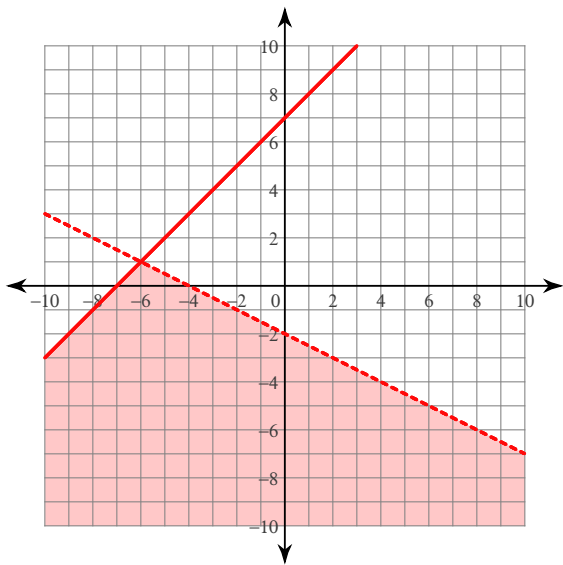
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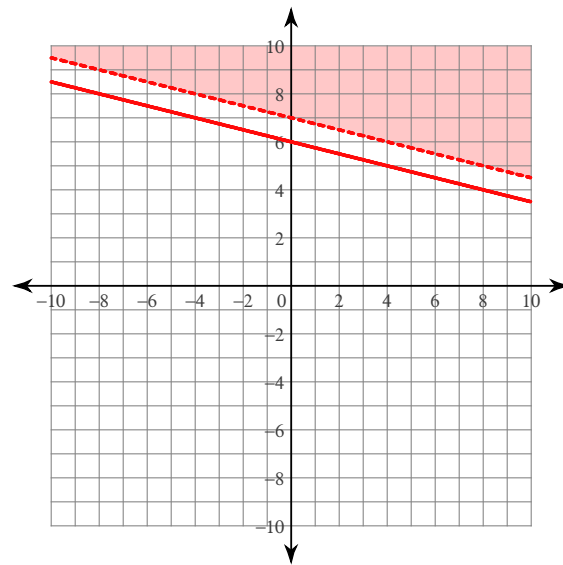
4) $x + y < 1$
 $x - 2y > 4$



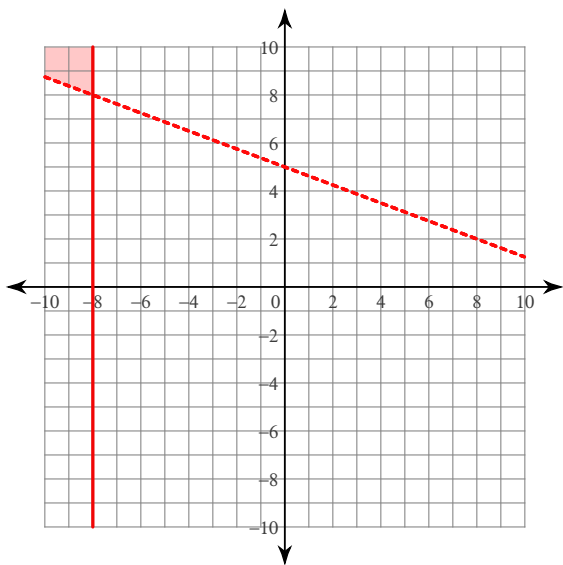
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