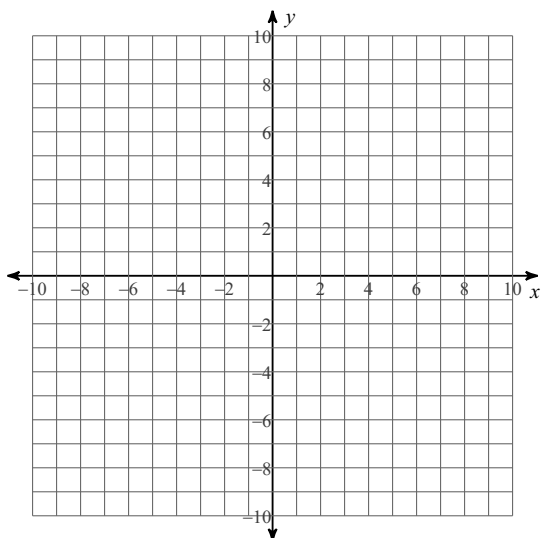


HW 4.2b #1 - Systems of Inequalities

Sketch the solution to each system of inequalities.

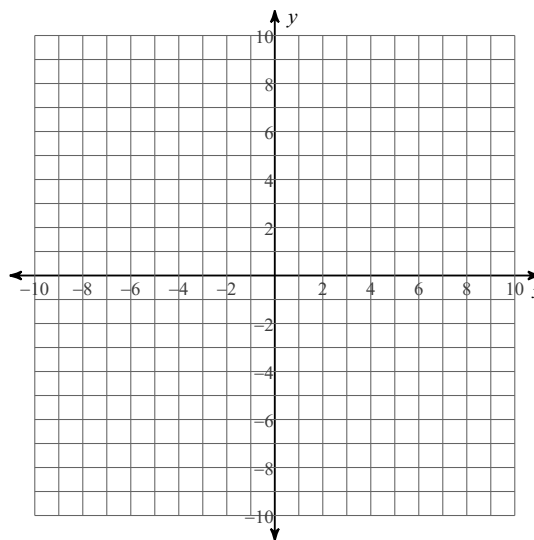
1) $y > -\frac{7}{4}x + 8$

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



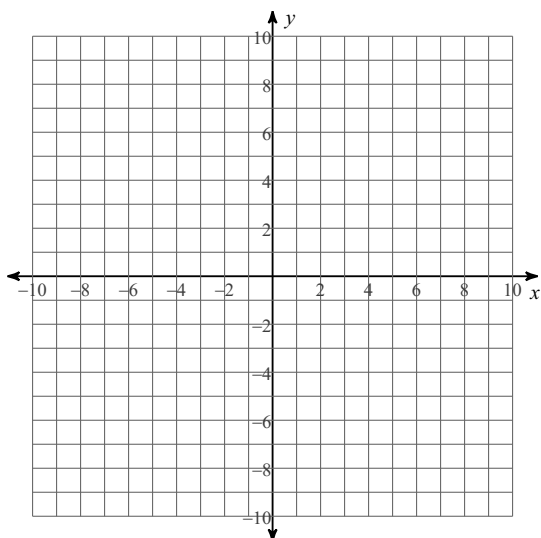
2) $y > 4x - 5$

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



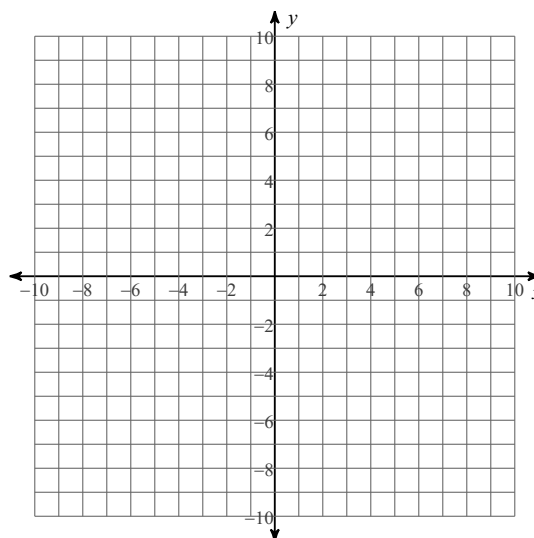
3) $y < -\frac{3}{2}x + 8$

$y \leq \frac{3}{4}x - 1$

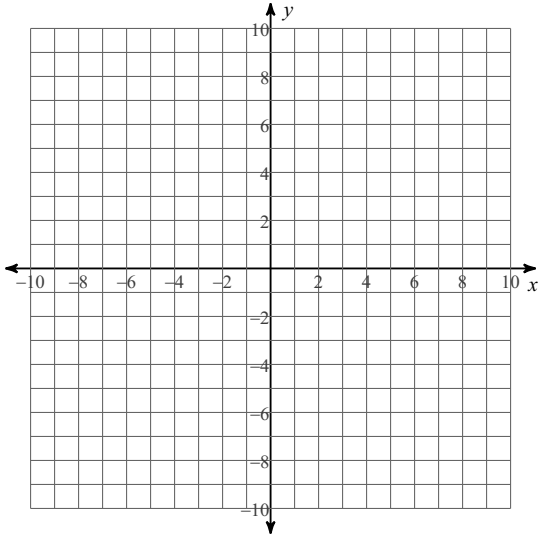


4) $y > \frac{5}{3}x - 8$

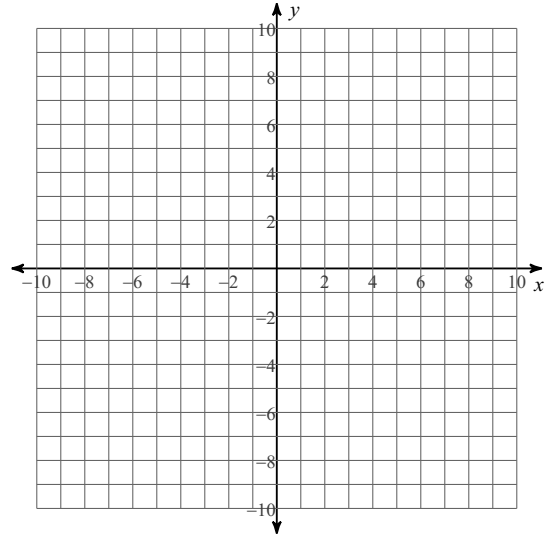
$y \leq -\frac{1}{3}x - 2$



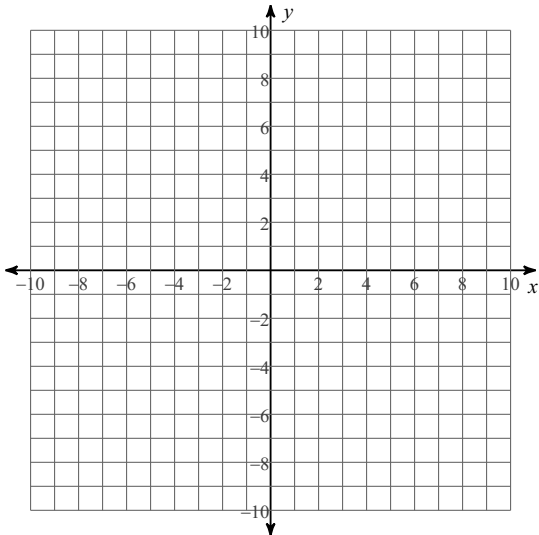
5) $11x - 7y \leq 21$
 $3x - 7y \geq -35$



6) $3x - 2y < -14$
 $5x + 4y \leq -16$



7) $12x - y > 6$
 $x + y \geq 7$



8) $13x + 3y > 24$
 $x - 3y \geq 18$

