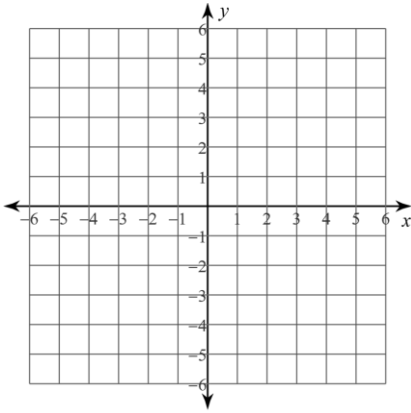


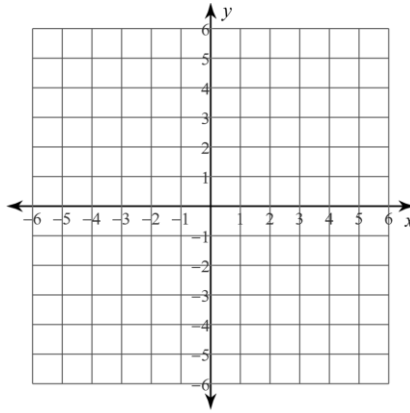
2.5.D1 - LINEAR INEQUALITIES

Graph the solution region of each linear inequality.

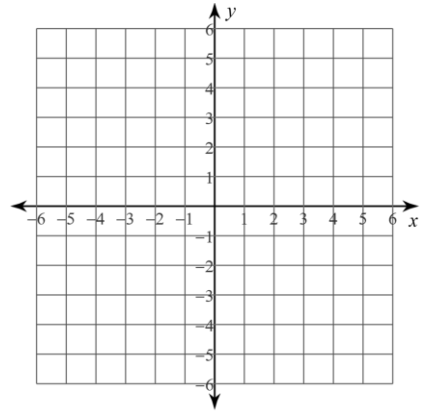
1) $5x + 2y \geq -10$



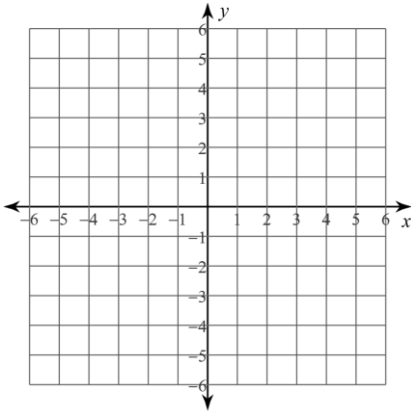
2) $2x - 3y < 15$



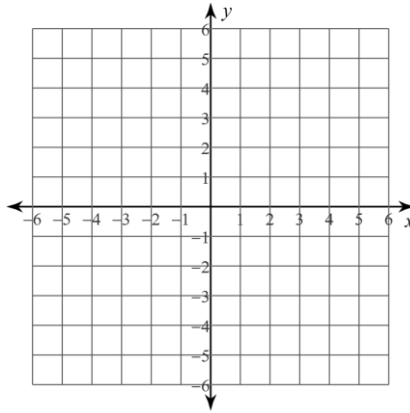
3) $2x - y > -5$



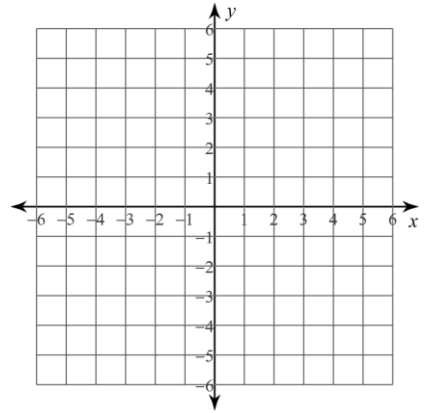
4) $y \geq \frac{1}{4}x - 5$



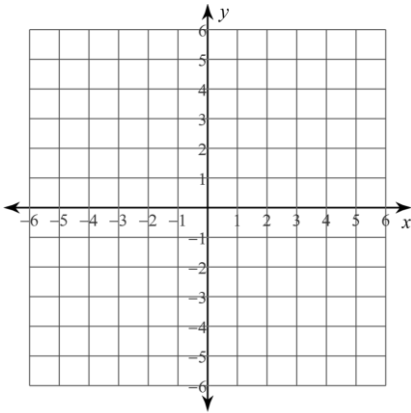
5) $y \leq -\frac{5}{3}x - 5$



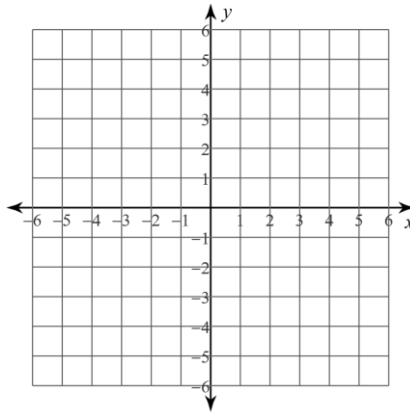
6) $y < \frac{1}{2}x + 1$



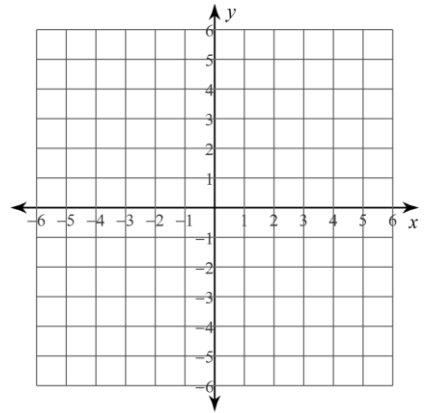
7) $y < -4x - 3$



8) $5x + y \geq -2$

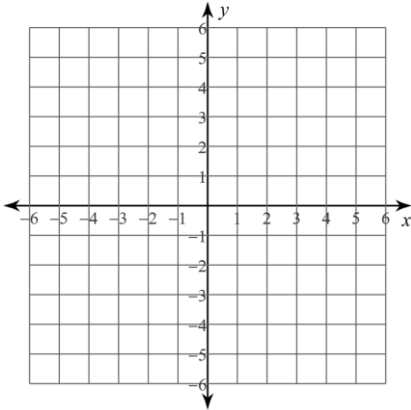


9) $y \leq 2x - 4$

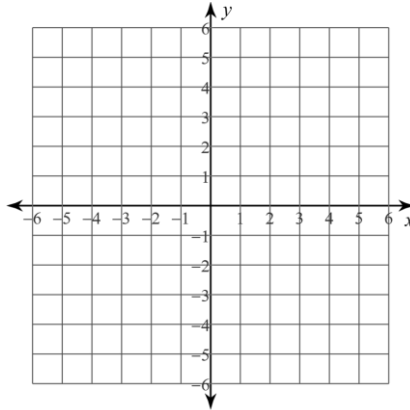


Graph the solution region of each system of linear inequalities.

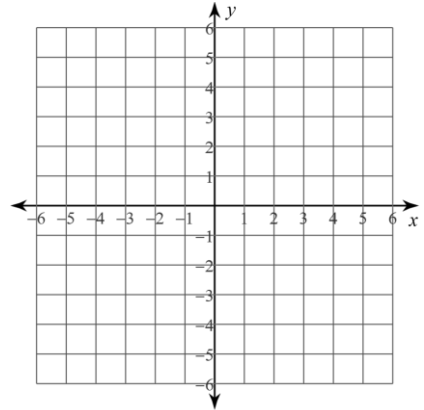
10) $x - 3y < 3$
 $5x - 3y > -9$



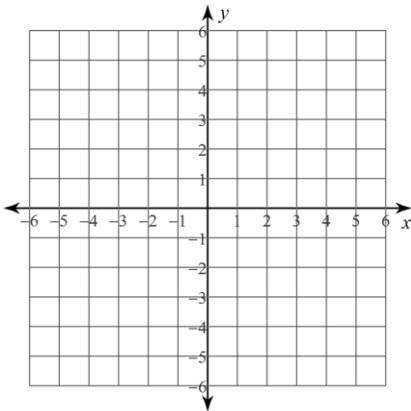
11) $y > 2x - 3$
 $x < 2$



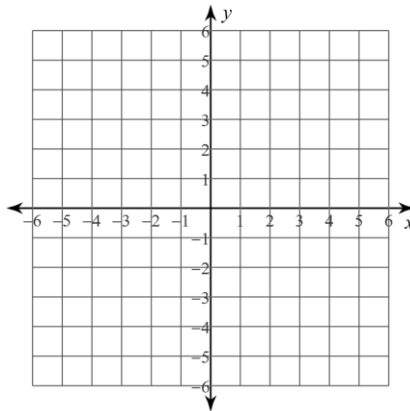
12) $5x - 3y \leq 6$
 $x - 3y < -6$



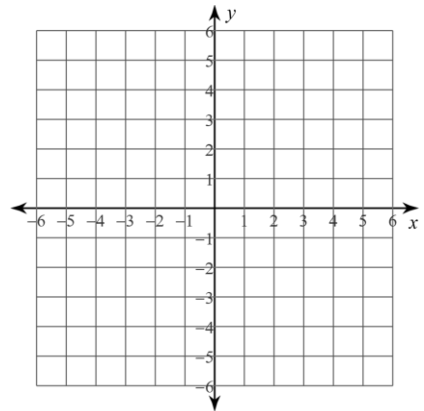
13) $x - y > 2$
 $3x + y > 2$



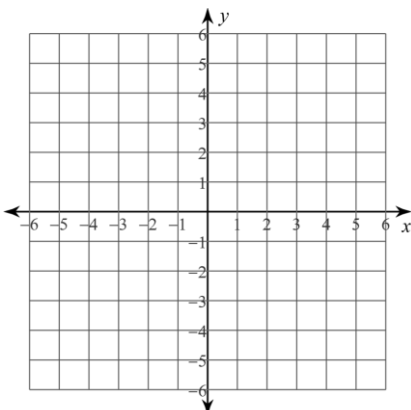
14) $x + y \leq 2$
 $2x - 3y \leq 9$



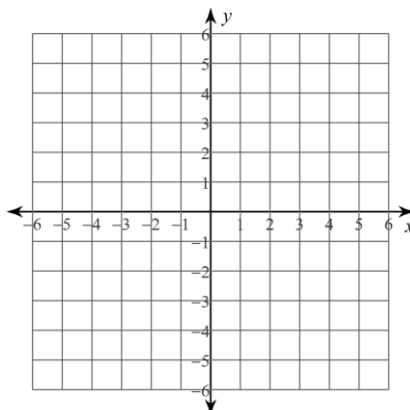
15) $y \geq -3x + 3$
 $y > -3$



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



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



18) $y < -\frac{1}{3}x - 2$
 $y \leq \frac{4}{3}x + 3$

