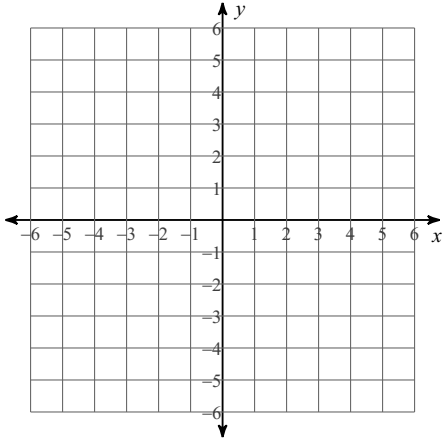


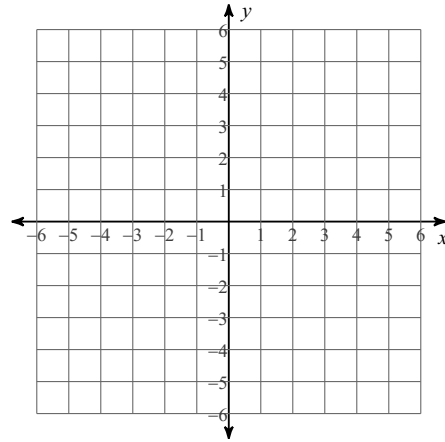
Extra Credit: Linear Inequalities

Sketch the graph of each linear inequality.

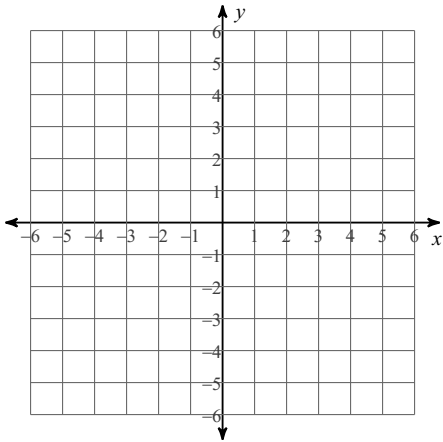
1) $y \leq -x$



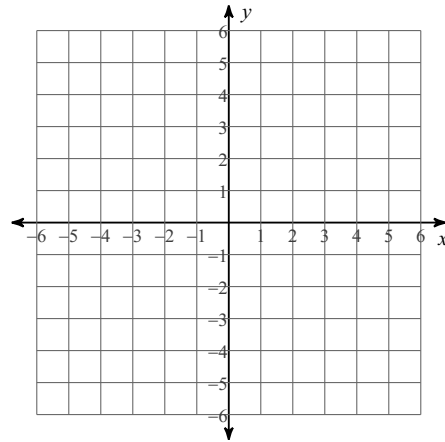
2) $y \geq -\frac{1}{3}x$



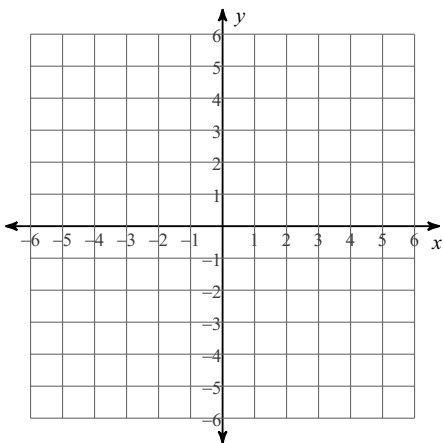
3) $y > -2x + 3$



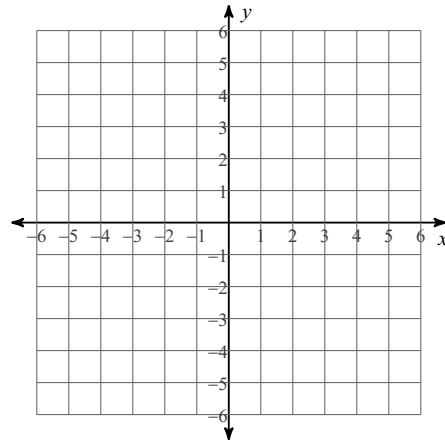
4) $y \leq -4x + 2$



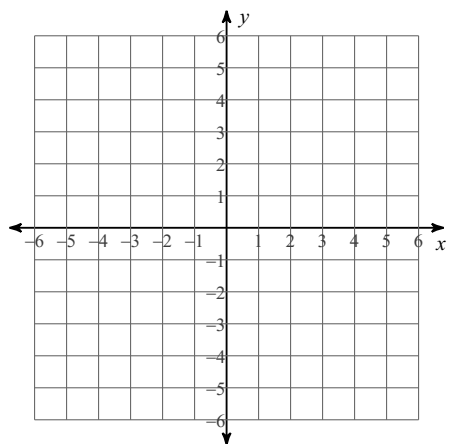
5) $y < \frac{9}{2}x + 5$



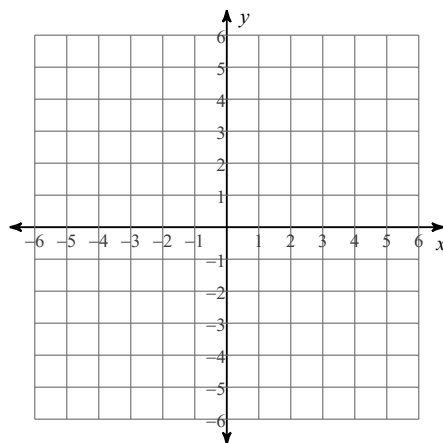
6) $x > -5$



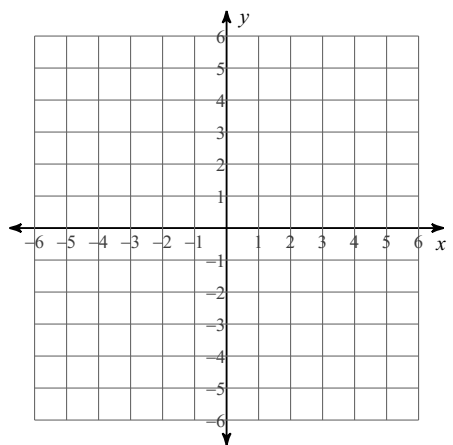
$$7) y \leq \frac{1}{3}x$$



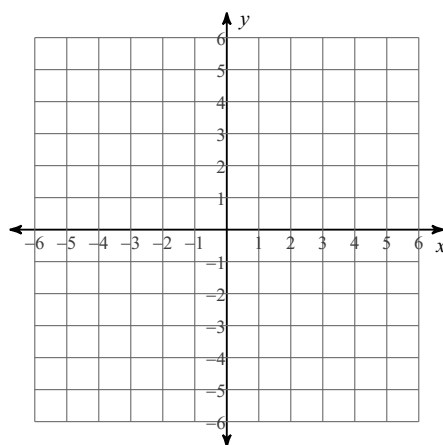
$$8) x \leq -5$$



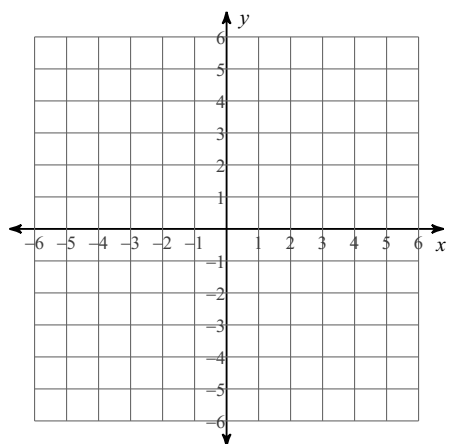
$$9) y > x - 2$$



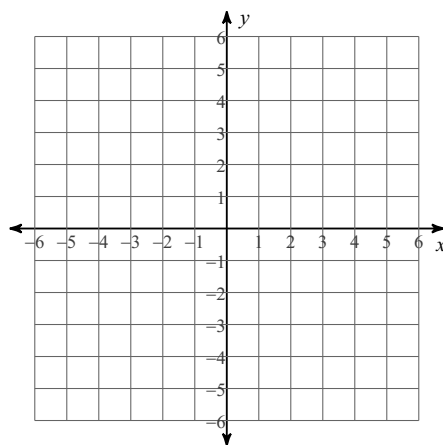
$$10) y \leq -\frac{3}{5}x + 3$$



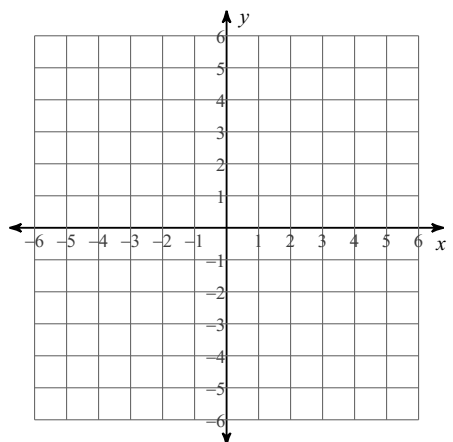
$$11) y < -2x - 1$$



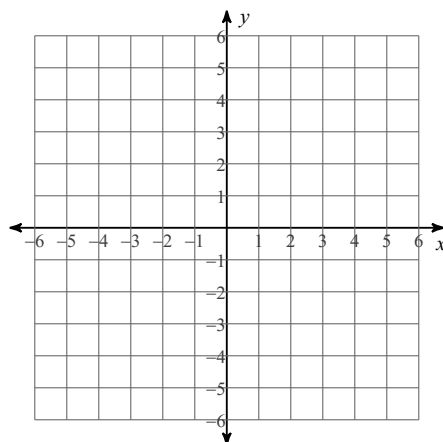
$$12) y \geq \frac{3}{2}x - 4$$



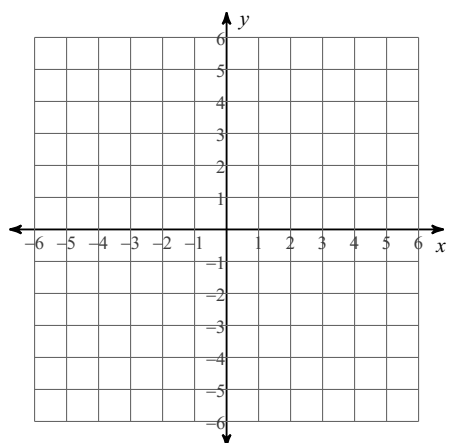
$$13) y \leq -\frac{3}{5}x$$



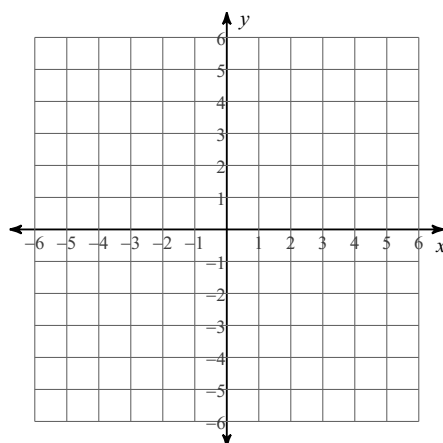
$$14) y \geq \frac{5}{4}x + 3$$



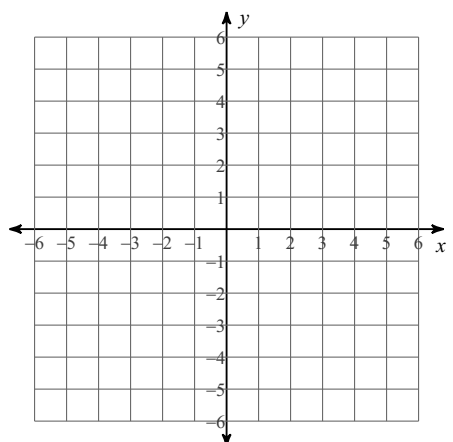
$$15) y > -x + 1$$



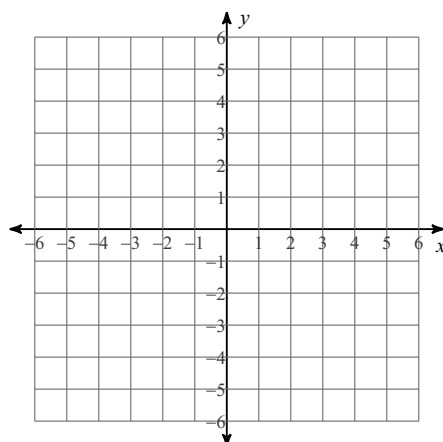
$$16) y > x - 4$$



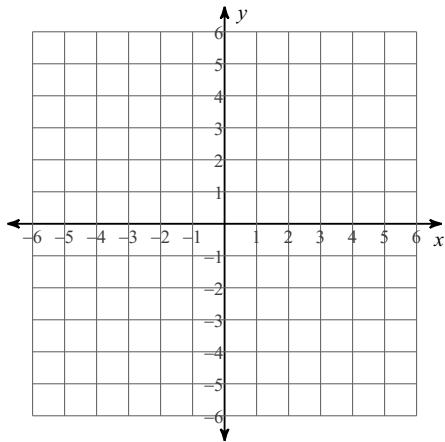
$$17) y < x$$



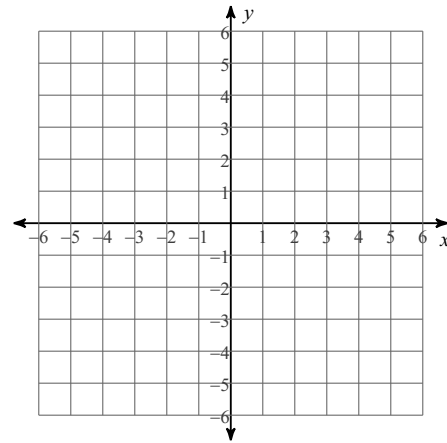
$$18) y \leq -6x + 1$$



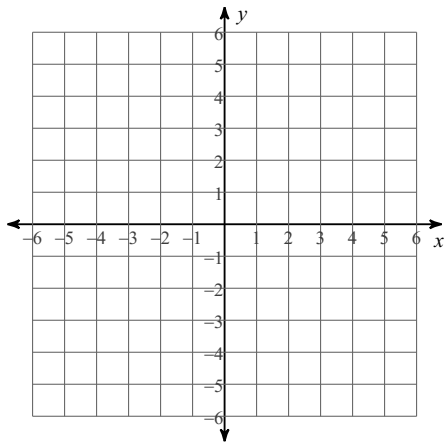
$$19) y \geq \frac{4}{3}x + 2$$



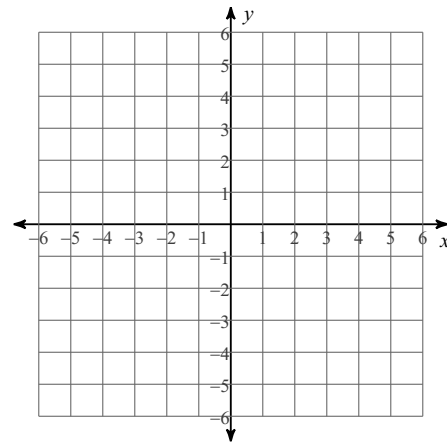
$$20) y < 2x - 5$$



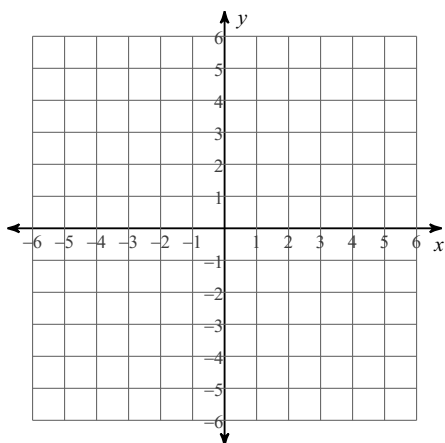
$$21) y > -6x + 3$$



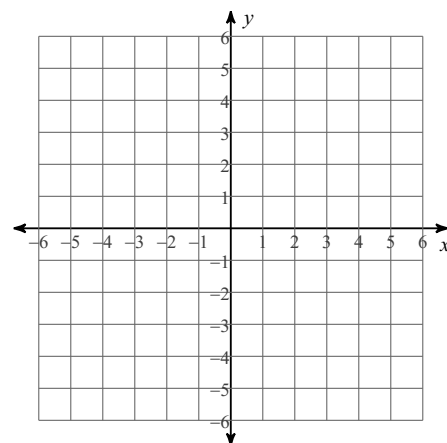
$$22) y < 2x + 5$$



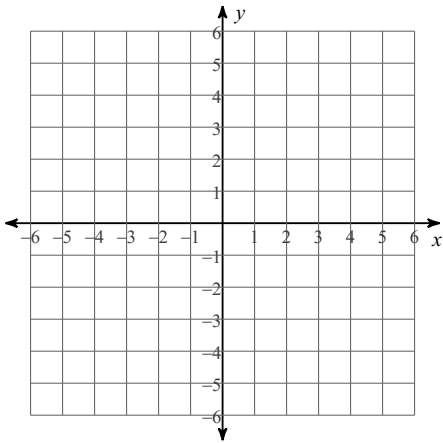
$$23) y \geq -\frac{3}{2}x + 1$$



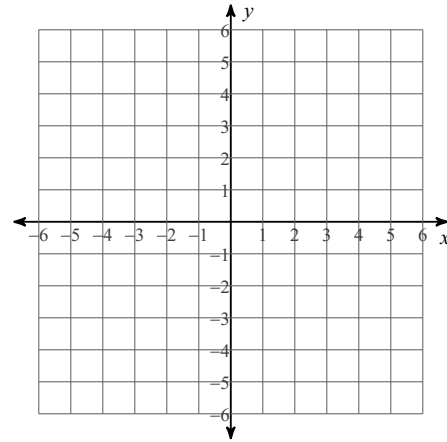
$$24) y > \frac{3}{2}x + 5$$



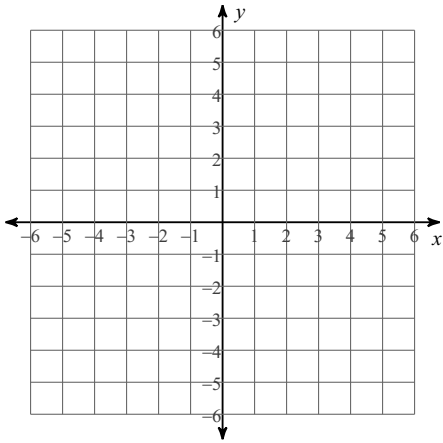
25) $x \leq -4$



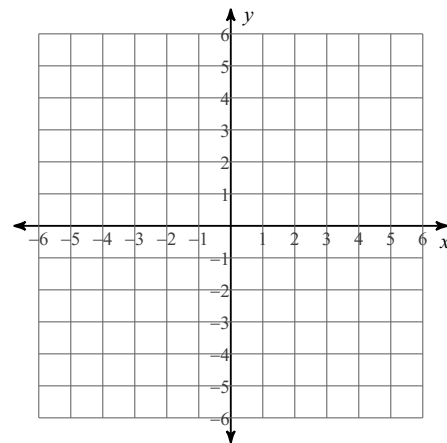
26) $y > \frac{3}{4}x$



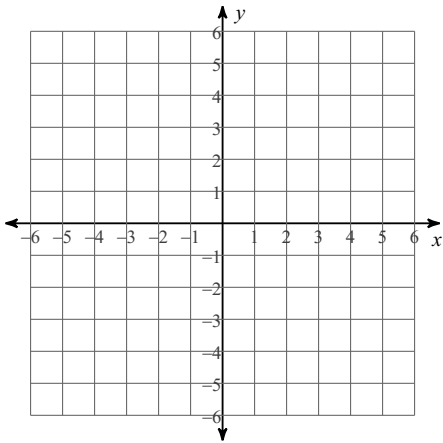
27) $y \geq -9x + 4$



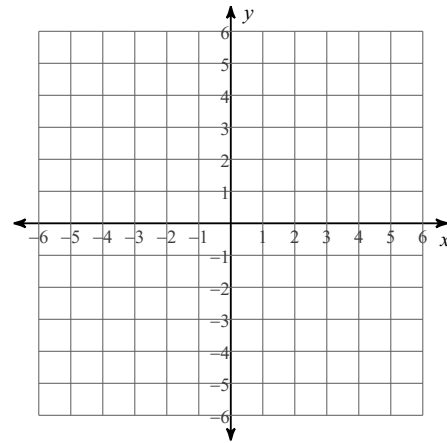
28) $y \leq -\frac{1}{2}x - 5$



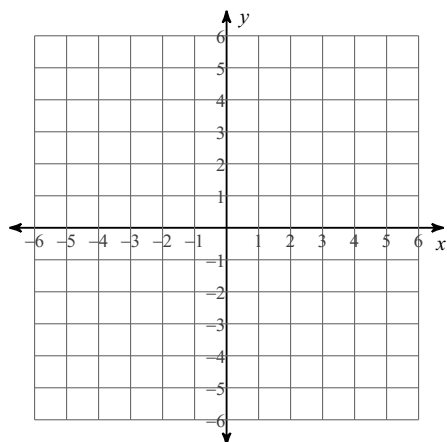
29) $y < -5$



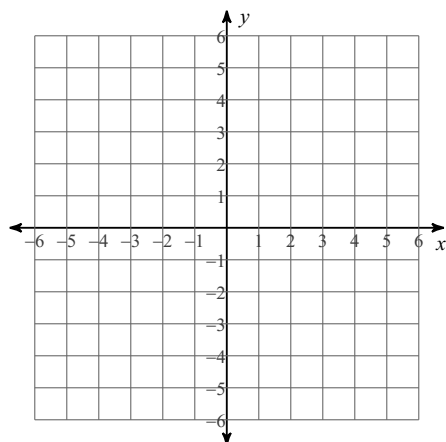
30) $y < -6x + 2$



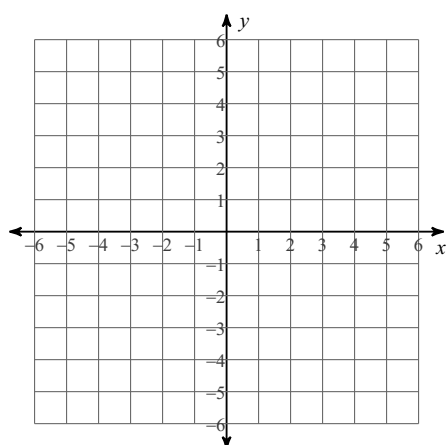
$$31) y \leq -\frac{4}{5}x + 1$$



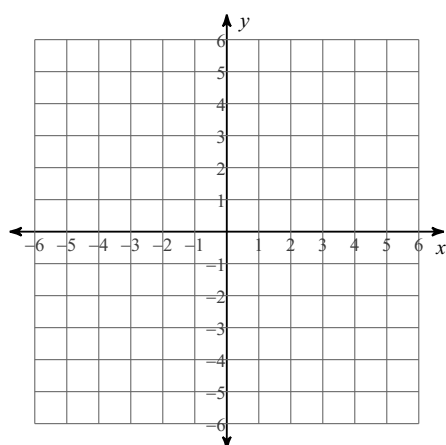
$$32) y \leq \frac{2}{3}x$$



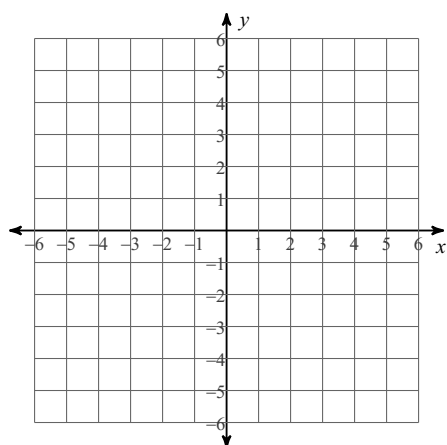
$$33) y > -\frac{9}{4}x + 5$$



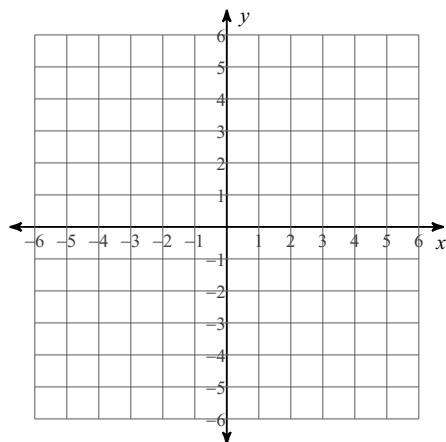
$$34) y > \frac{1}{5}x - 2$$



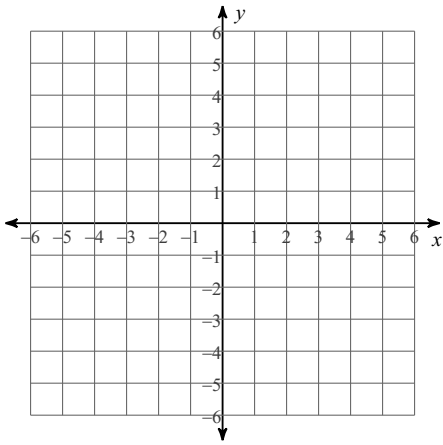
$$35) y \leq -\frac{7}{4}x + 5$$



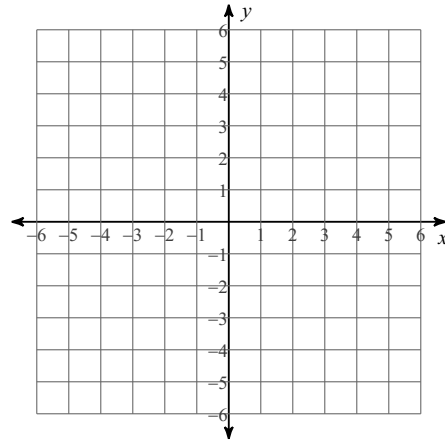
$$36) y < 3x + 2$$



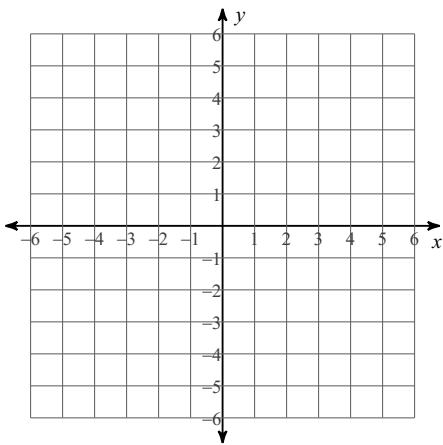
37) $y > x + 5$



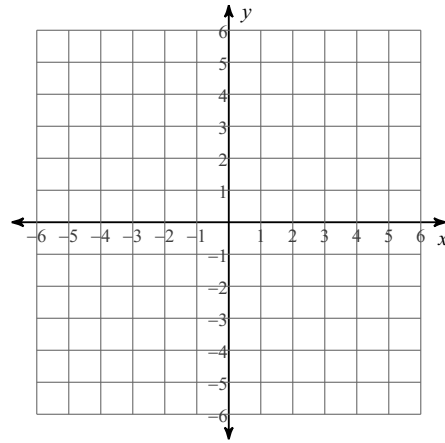
38) $y > \frac{5}{4}x - 2$



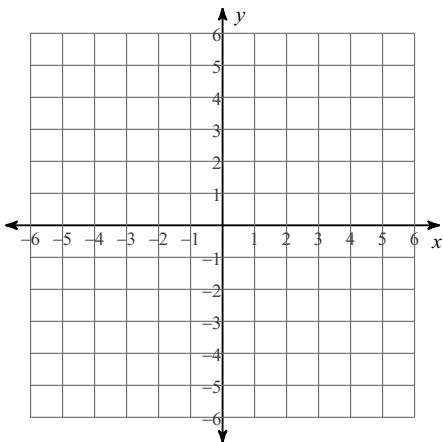
39) $y \leq -\frac{7}{5}x - 2$



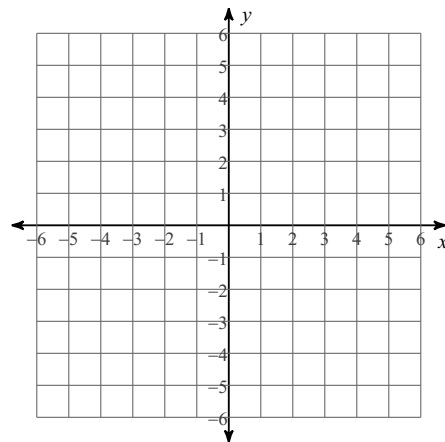
40) $y < x + 1$



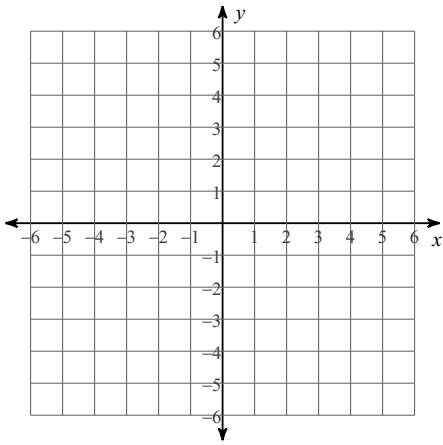
41) $2x + y < 5$



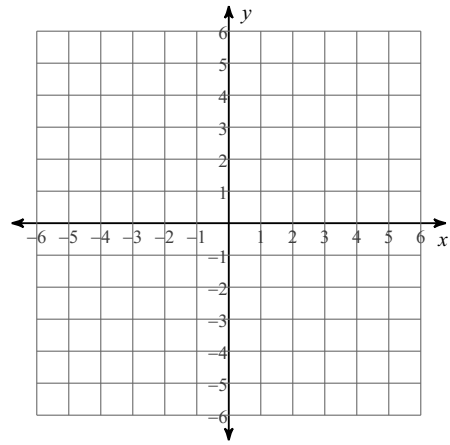
42) $4x - 3y \leq -15$



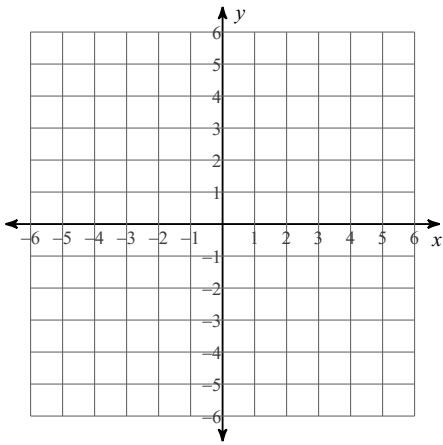
43) $x - y < 4$



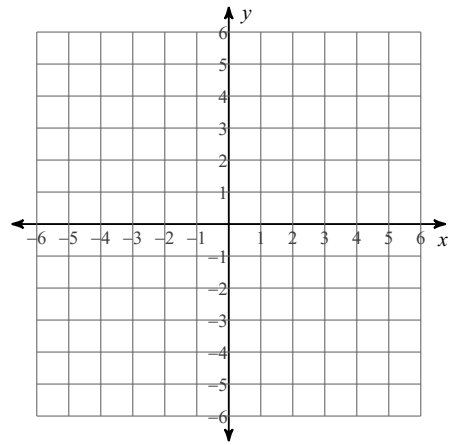
44) $x \geq -5$



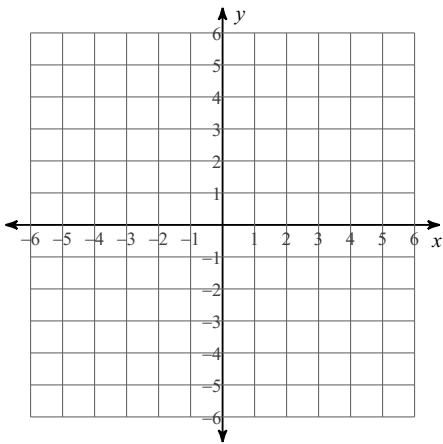
45) $3x - 2y \leq -10$



46) $x - 5y \leq 15$



47) $7x + 4y > -20$



48) $x - y > -4$

