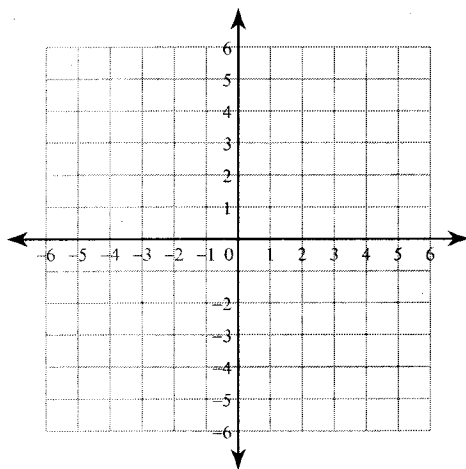


Linear Inequalities

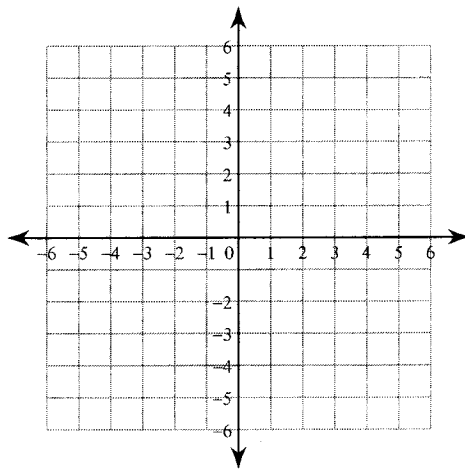
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Sketch the graph of each linear inequality.

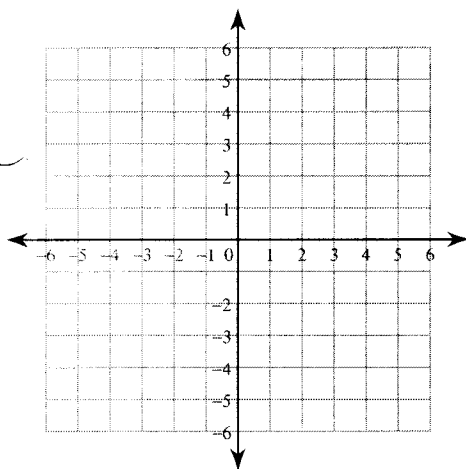
1) $y \leq \frac{1}{3}x + 5$



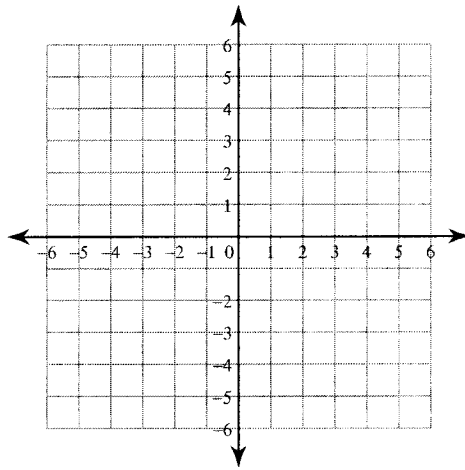
2) $y \leq -\frac{3}{2}x - 5$



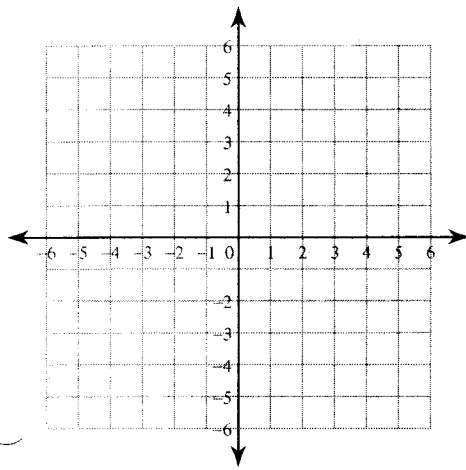
3) $y \geq -\frac{7}{4}x + 4$



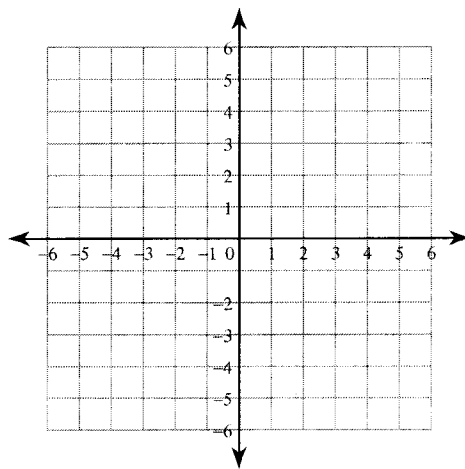
4) $y > -5x - 2$



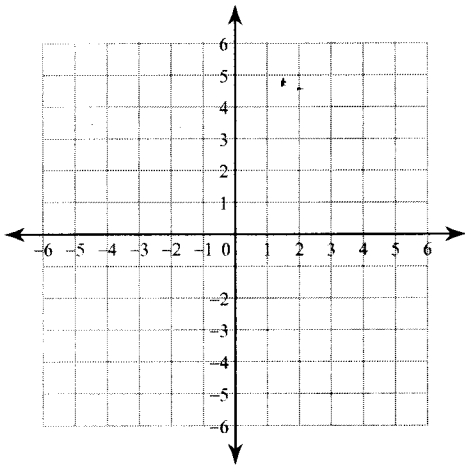
5) $y \leq 2x - 4$



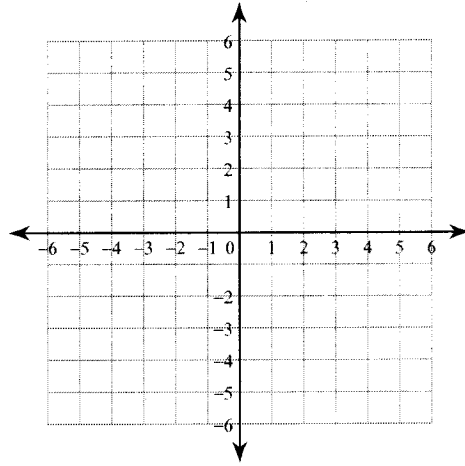
6) $y < -\frac{4}{5}x$



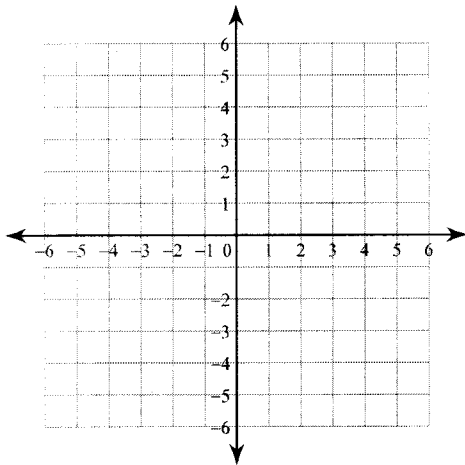
7) $y \leq -x + 3$



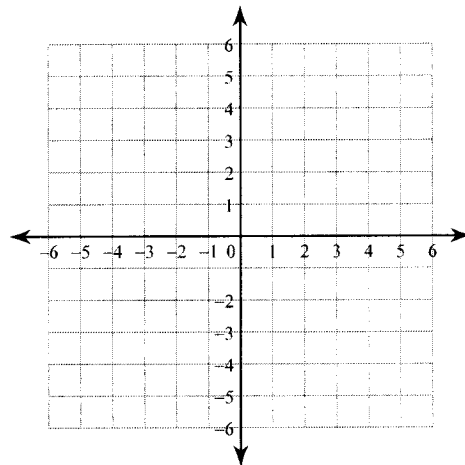
8) $y \leq \frac{3}{2}x + 2$



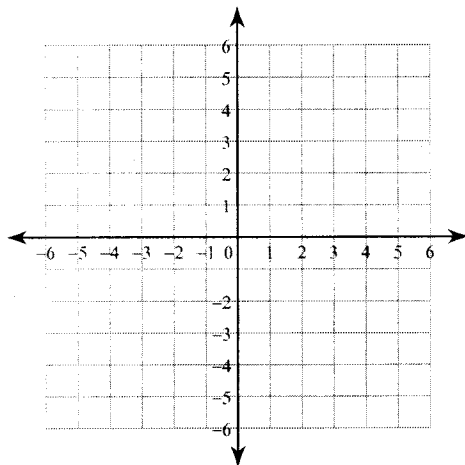
9) $y > 2x + 5$



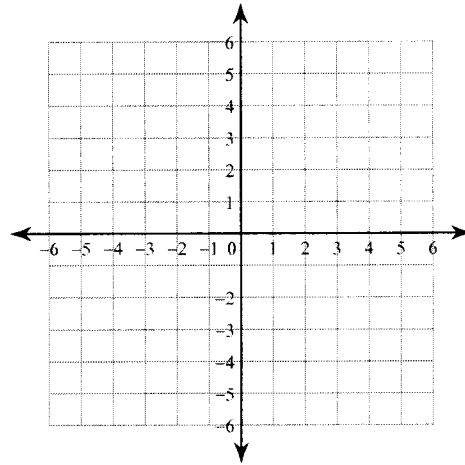
10) $y \geq \frac{1}{2}x - 3$



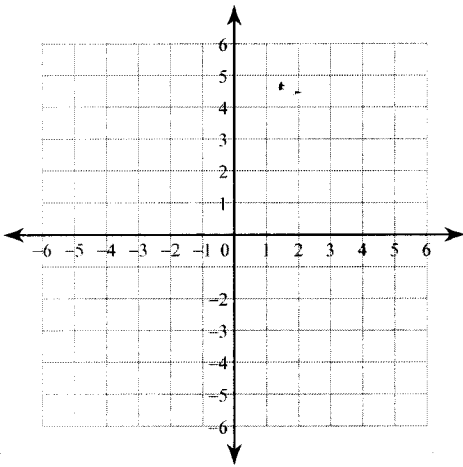
11) $y \geq \frac{5}{2}x - 4$



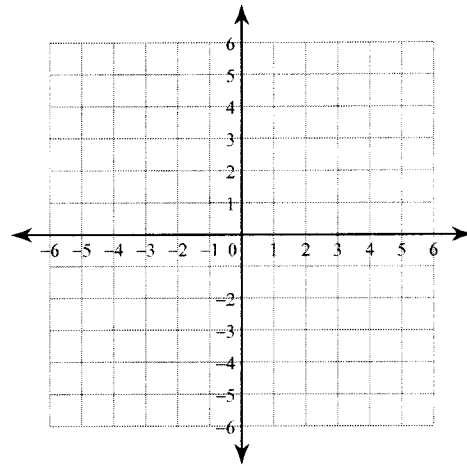
12) $y > -3x + 1$



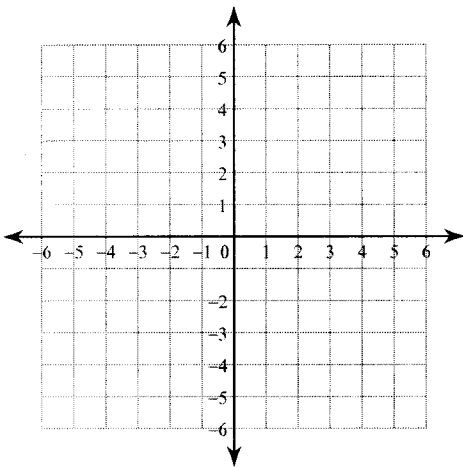
13) $y \geq x + 2$



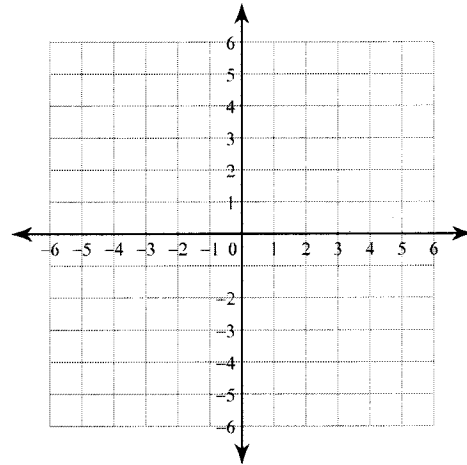
14) $y < -\frac{1}{2}x - 1$



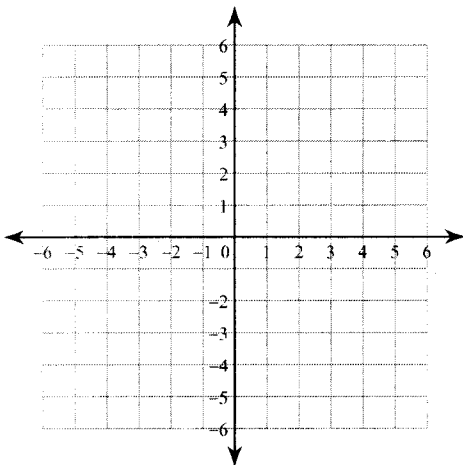
15) $y \geq -\frac{5}{3}x + 4$



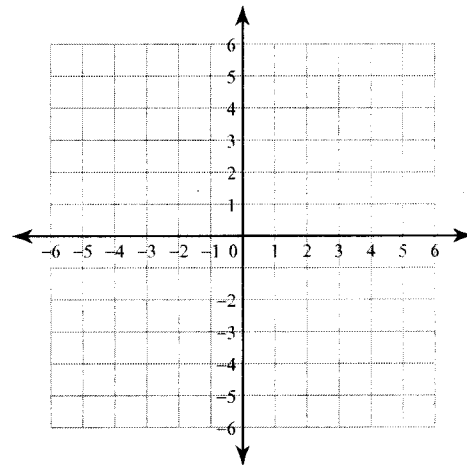
16) $x + y \leq -3$



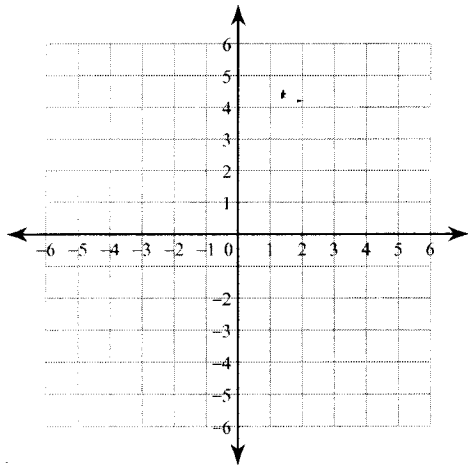
17) $9x - 2y < 10$



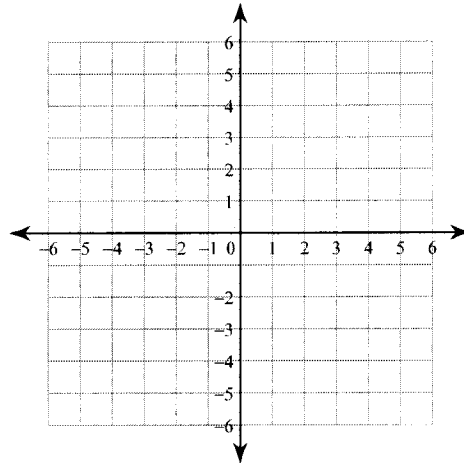
18) $2x - y \geq 2$



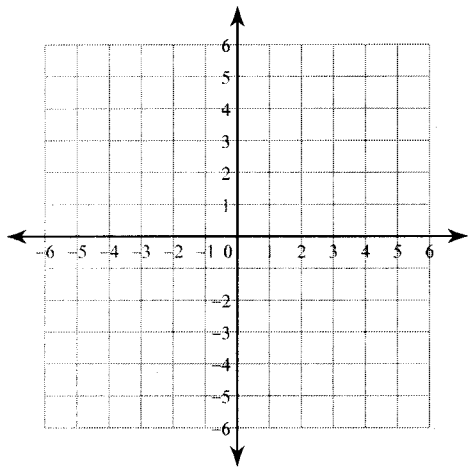
19) $2x + y > 0$



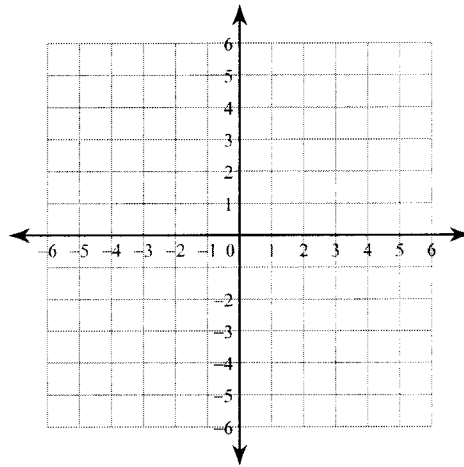
20) $x + 5y < 10$



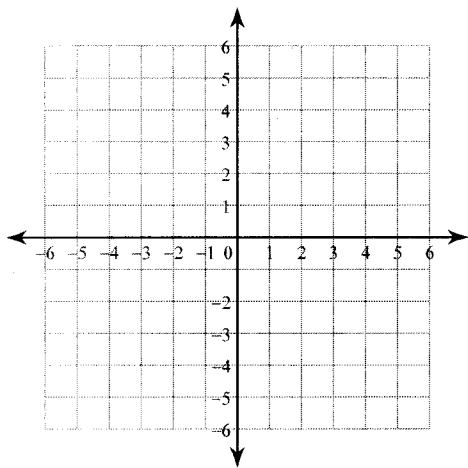
21) $8x - 3y \leq -9$



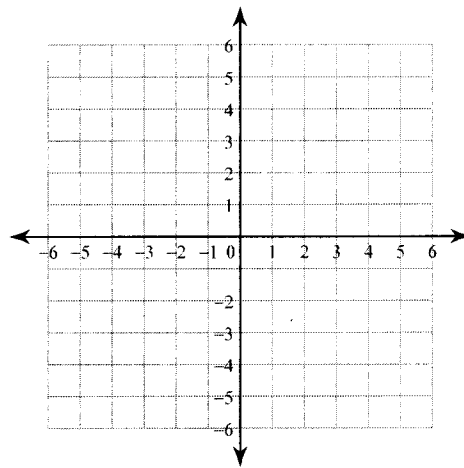
22) $5x + y \leq -5$



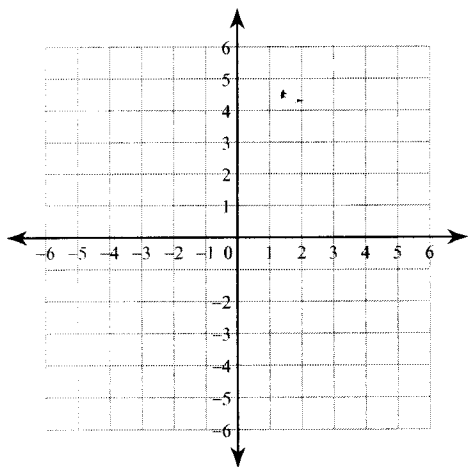
23) $3x + y \geq -2$



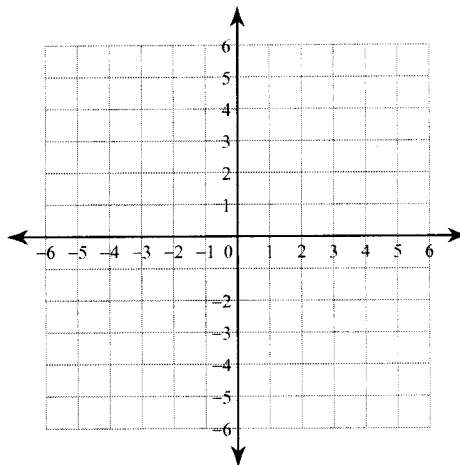
24) $9x - 5y < 20$



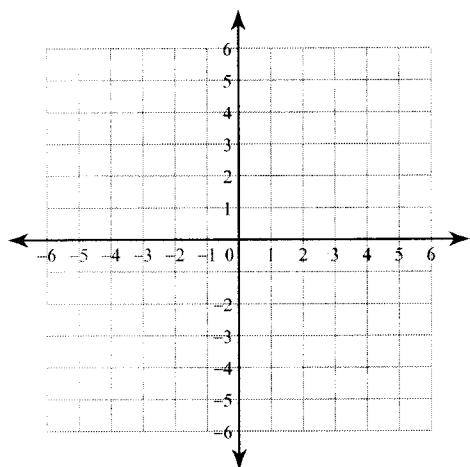
25) $5x - 3y \leq 0$



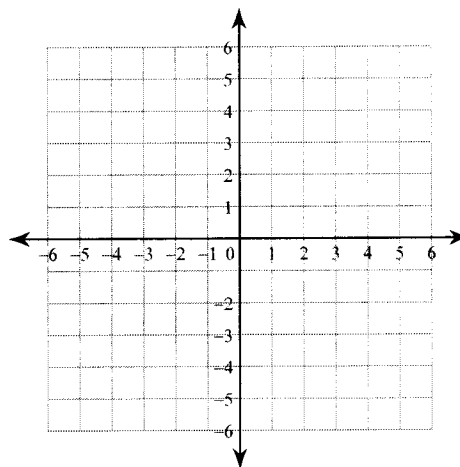
26) $x - 3y > -9$



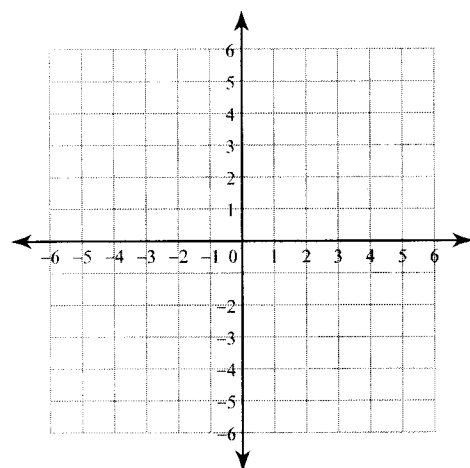
27) $5x + 4y < 4$



28) $x - y \geq 4$



29) $y > -3$



30) $7x - 4y \leq -20$

