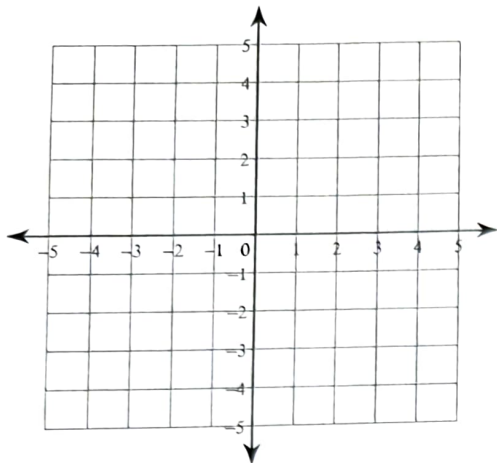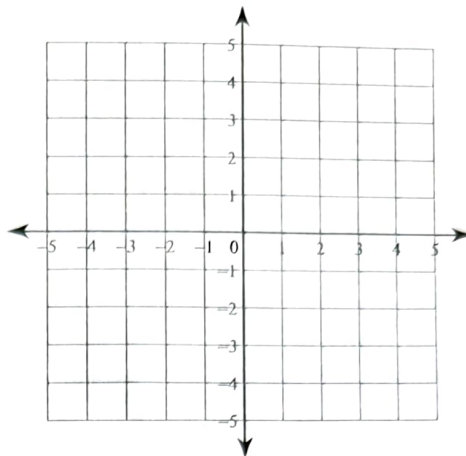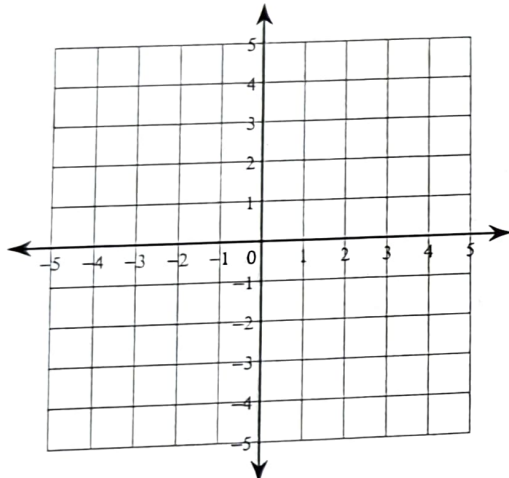9) $4x + 3y > -6$
$\quad x - 3y \leq -9$
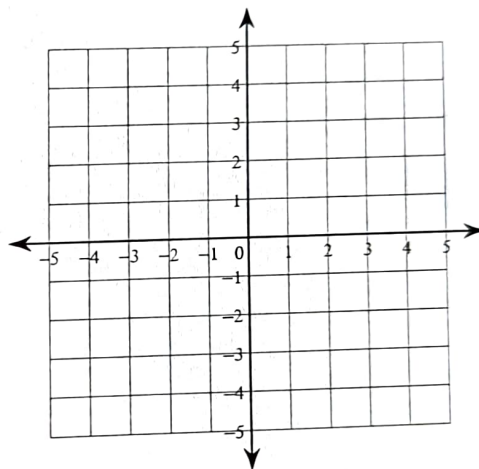
10) $y < -2$
$\quad x + y \geq 1$

11) $3x + y \geq -3$
$\quad x + 2y \leq 4$

12) $x + y \geq -3$
$\quad x + y \leq 3$

Critical thinking questions:

13) State one solution to the system
$\quad y < 2x - 1$
$\quad y \geq 10 - x$

14) Write a system of inequalities whose solution is the set of all points in quadrant I not including the axes.