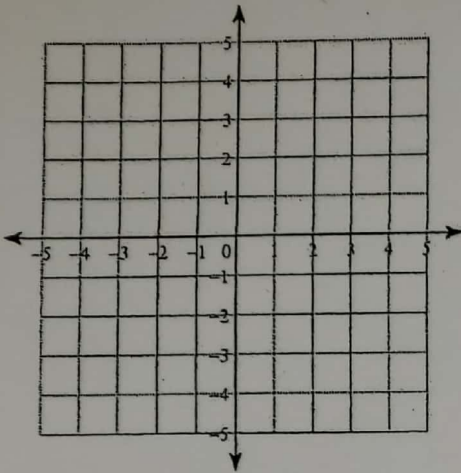


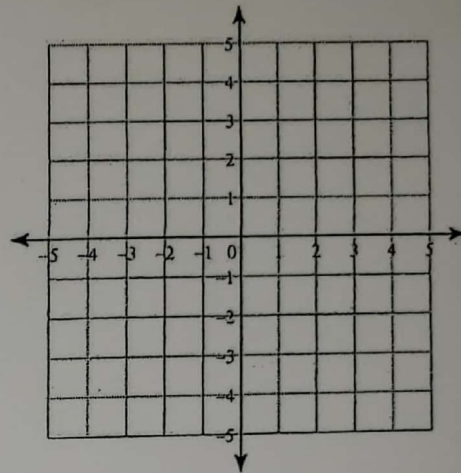
Systems of Inequalities

Sketch the solution to each system of inequalities.

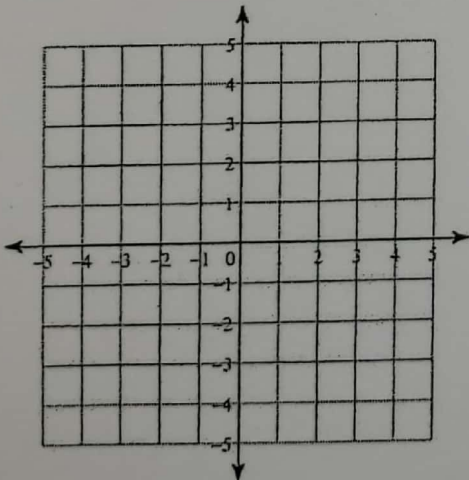
1) $y > 4x - 3$
 $y \geq -2x + 3$



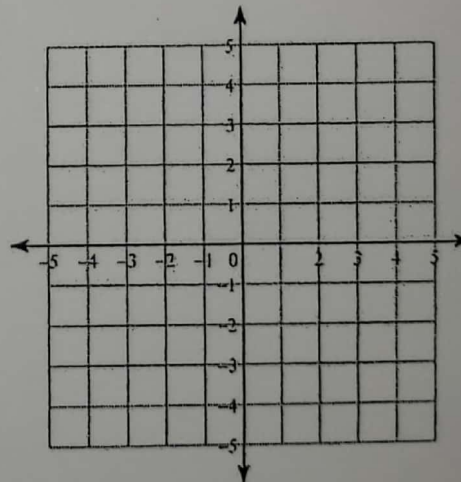
2) $y \geq -5x + 3$
 $y > -2$



3) $y < 3$
 $y \leq -x + 1$



4) $y \geq x - 3$
 $y \geq -x - 1$



Identify if the following points fall in the shaded region for graph #3.

- a. (-3, 3)
- b. (2, -1)
- c. (0, 0)
- d. (0, 3)

Identify if the following points fall in the shaded region for graph #4.

- a. (-2, 2)
- b. (1, -2)
- c. (4, 1)
- d. (5, 1)