RETEST REVIEW: GRAPHING LINEAR EQUATIONS & INEQUALITIES
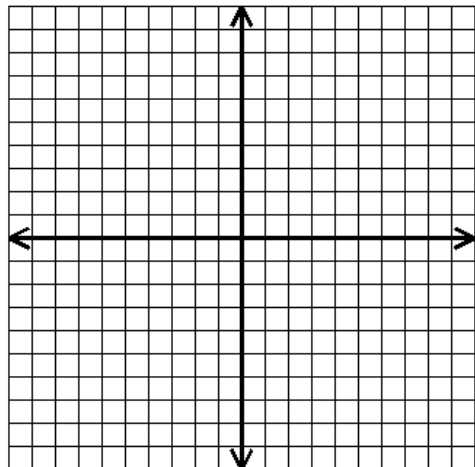
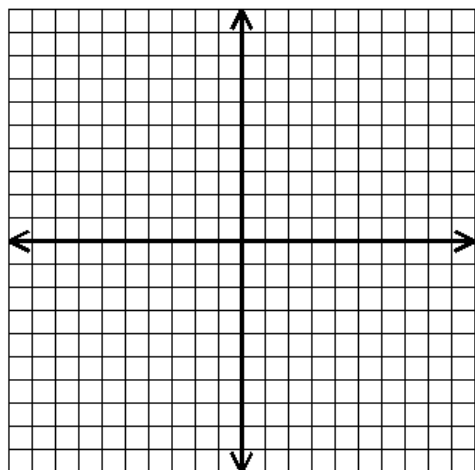1. Graph $5x + 4y > -12$
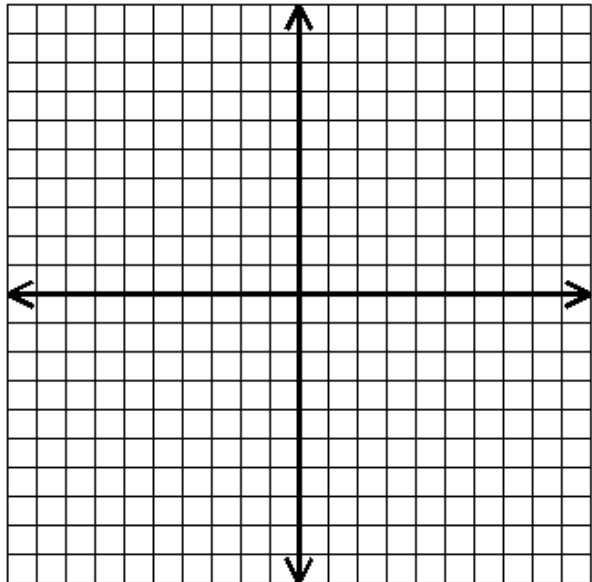
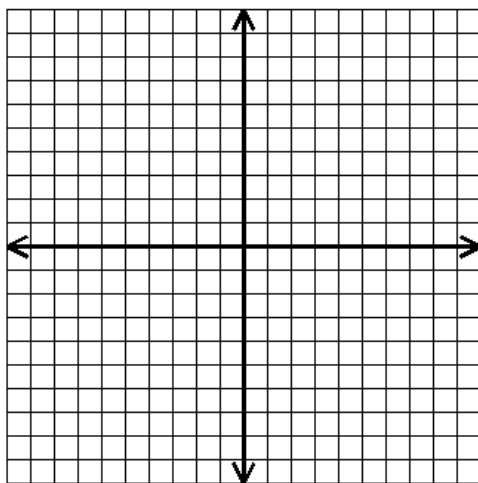2. Graph $x < -3$. What is the slope?

m = _____

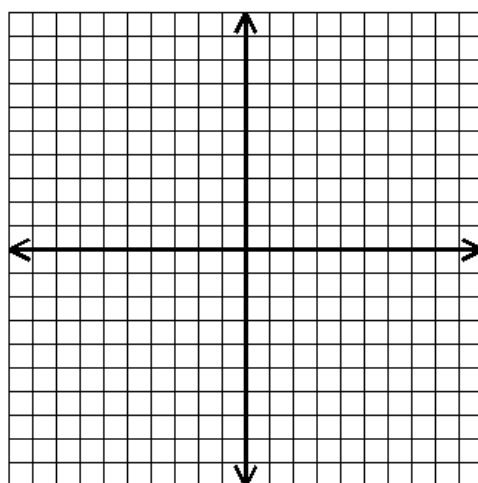3. Graph $y \geq 6$. What is the slope?

m = _____

4. Graph the inequality y < 2x

5. Solve and graph:

$$y < 2x - 5$$
$$4x - 3y \geq -12$$
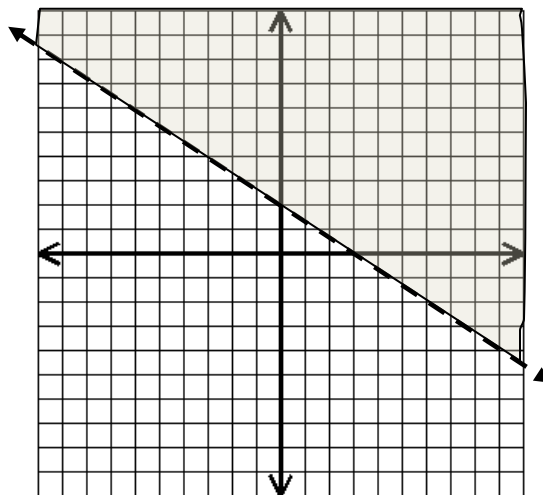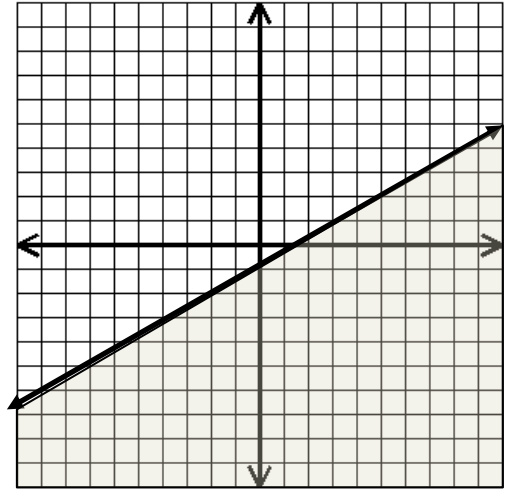
6. Write the inequality that is represented by this graph.

Choose the best answer.

7. Which inequality represents the graph shown?
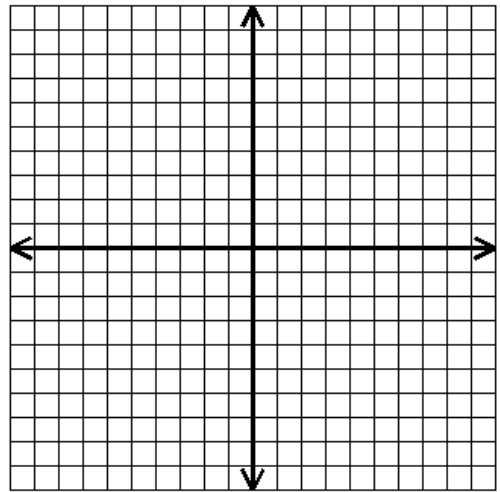
A. $y \geq \dfrac{3}{5}x - 1$

C. $y < \dfrac{3}{5}x - 1$

B. $y > \dfrac{3}{5}x - 1$

D. $y \leq \dfrac{3}{5}x - 1$

8. Use the grid to graph $y < x + 4$. Which coordinate point represents a solution of this inequality?

A. (-8, 2)

C. (-2, 2)

B. (2, 0)

D. (0, 6)

9. What is the slope and y-intercept of the graph shown?

m = _____

b = _____