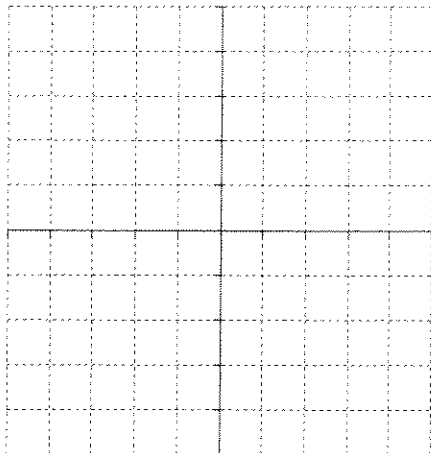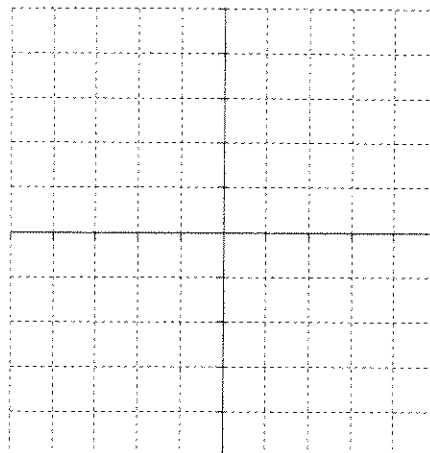## Graphs of Lines

In Problems 1-4, draw the graph of the line through the given point with the given slope. Label three points on your graph.
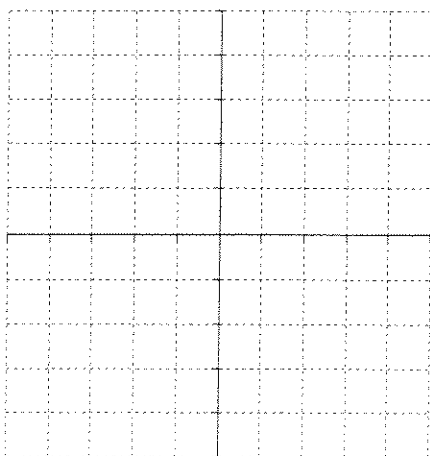
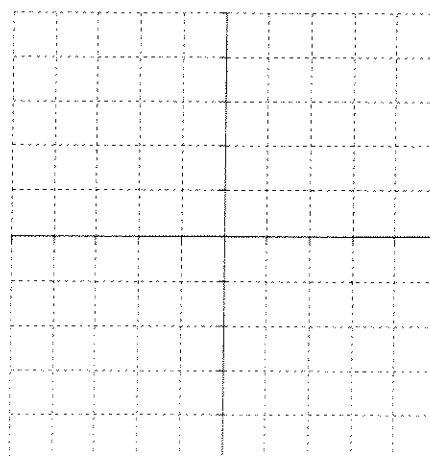1.   through $(0,2)$ with $m = 3$ 2.   through $(-1,4)$ with $m = -\dfrac{3}{2}$
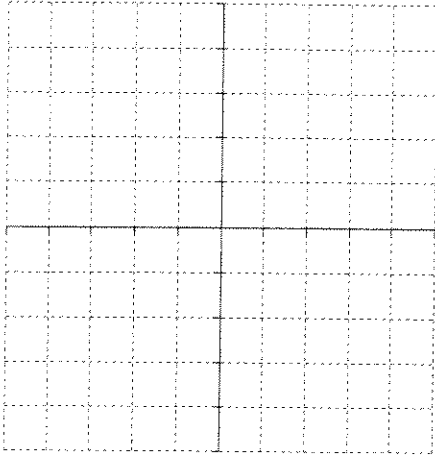
3.   through $(0,-4)$ with $m = -2$ 4.   through $(-2,0)$ with $m = \dfrac{4}{5}$
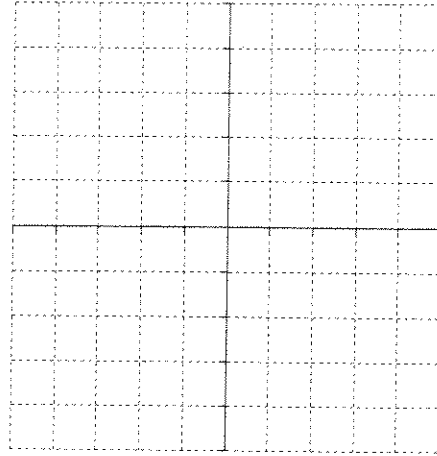
Graphs of Lines

In Problems 5-8, draw the graph of the line with the given equation. Identify the slope and y-intercept of the line.

5. $y = 2x - 1$

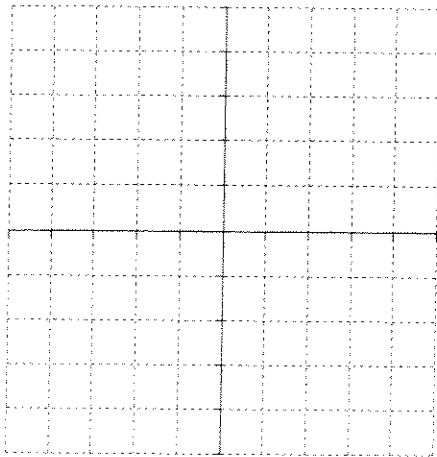6. $y = \dfrac{3}{2}x + 4$

7. $x + 5y = -10$

8. $y - 4x = -3$