

Writing Equation in Slope- Intercept Form

$$y = mx + b$$

1. Given slope and y - intercept

$$m = 5 ; b = -2$$

2. Given slope and a point

$$m = -3 \quad (-2, 1)$$

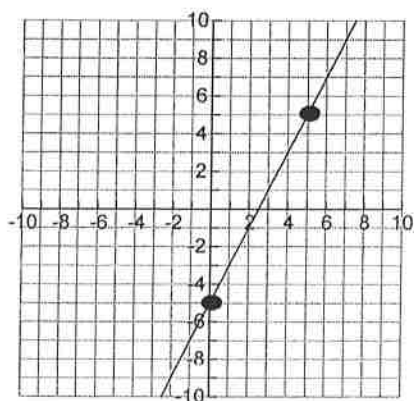
3. Given y – intercept and a point

$$b = 4 \quad (2, 1)$$

4. Given two points

$$(3, -4) \quad (-1, 1)$$

5. Given a graph



6. Given x-intercept and y -intercept

$$x - \text{int} : 3 \quad y - \text{int} : -2$$