Chapter 5: Writing Linear Equations
Study Guide

5.1: Write equations of lines given slope and *y* – intercept or two points
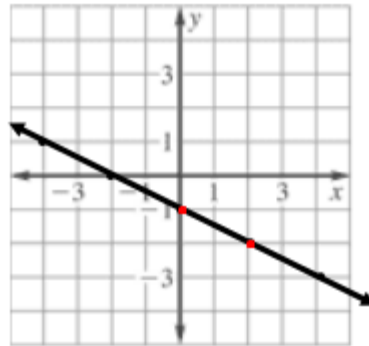
Write the equation of the line with the given information:

Ex: Slope: 0, *y* – intercept: ½   **Ex:** Passes through (0, 5) and (1, 7)

Ex: Passes through (1, –9) (0, –11)   **Ex:**

5.2: Write the equation of lines given slope and one point, or two points

Write the equation of the line with the given information:

Ex: Slope 3, passes through (1, 1)   **Ex:** Slope –5, passes through (–4, 7)

Ex: Passes through (1, 4) (2, 7)

Ex: Passes through (–2, –2) (–1, –1)

Ex: Passes through (1, 5) (–7, 5)

Ex: Passes through (3, 1) (6, 4)