

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: $\frac{1}{2}$

Ex: Passes through (0, 5) and (1, 7)

Ex: has the function values $f(1) = -9, f(0) = -11$

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)

