The Slope-Intercept Form of a Line Activity

Introduction

In this module, you will explore the slope-intercept form of a linear equation. You will see how changes in the slope and *y*-intercept of a line affect its graph. You will also learn how to graph equations in slope-intercept form on your own.

The Slope-Intercept Form of a Line (*y = mx + b*)

The Slope or Steepness

The general slope-intercept form of a line is given by the equation *y = mx + b*. In this equation, *m* represents the slope or steepness

b = _____   b = _____   b = _____

m =   m =   m =

Equation: _____   Equation: _____   Equation: _____