

Linear Equations in Slope-Intercept and Point-Slope Form

Directions: Linear equations and functions are often listed in 1 of 3 forms: Slope-intercept, point-slope, and standard. Each form has it's own advantages and disadvantages Fill in the concept boxes below and then complete the table to help you remember the differences and advantages of each format.

Slope-Intercept Form

Point-Slope Form

Given:	Slope-Intercept	Point-Slope	Graph of Linear Equation
A line has a slope of 3 and the intercept of -5			
A line has a slope of -2 and contains the point (2,3)			
A line containing the points (2,3) and (3,6)			
A line parallel to line $y=2x+8$ and containing the point (7,-5)			