

Share — copy and redistribute the material in any medium or format for any purpose, even commercially. Adapt — remix, transform, and build upon the material for any purpose, even commercially. The licensor cannot revoke these freedoms as long as you follow the license terms. Attribution — You must give appropriate credit, provide a link to the license, and indicate if changes were made . You may do so in any reasonable manner, but not in any way that suggests the licensor endorses you or your use. ShareAlike — If you remix, transform, or build upon the material, you must distribute your contributions under the same license as the original. No additional restrictions — You may not apply legal terms or technological measures that legally restrict others from doing anything the license permits. You do not have to comply with the license for elements of the material in the public domain or where your use is permitted by an applicable exception or limitation . No warranties are given. The license may not give you all of the permissions 3PT- EXS. 2, 5, 6, 8, 9 necessary for your intended use. For example, other rights such as publicity, privacy, or moral rights may limit how you use the material. Essential Question: How can you represent a linear function in a way that reveals its slope and a point on its graph? Notes HW Module 6.2 PAGE 209 - 212: 2PT-EXS. 10, 11, 14, 15 1PT-EXS. 19, 20, 22, LPT Video #1: Creating Linear equation Given Slope and a Point Video #2: Creating Linear Models Given Slope and a Point Video #4: Creating Linear Models Given Two Points Video #4: Creating a Linear Model Given Two Points This exclusive ensemble of printable worksheets has been designed to help 8th grade and high school learners comprehend the basics of converting equation of a line to point-slope form and writing equation of a line using the given point and the slope. A series of exercises requires students to find the equations of a line that is either parallel or perpendicular to another equation of the line. The pdf worksheets based on graphing the line using a point and the slope are also included. Access some of these worksheets for free! Printing Help - Please do not print worksheets with grids directly from the browser. Kindly download them and print. Equation of a Line: Point-Slope Form Write the equation of a line in point-slope form based on the slope and the point provided in this set of printable worksheets. There are ten problems in each worksheet. Equation of a Line: Slope-Intercept Form - Level 1 Based on the point and the slope provided for each question, apply point-slope formula to find the equation of a line and express the equation in slope-intercept form: y = mx + b. This level of worksheets features coordinates in the form of integers, and the slope provided can either be an integer or a fraction. Equation of a Line: Slope-Intercept Form - Level 2 In the second level of worksheets, the coordinates are represented as fractions. Find the equation of a line and write the equation in slope-intercept form. Equation of a Line: Standard Form - Level 1 Find the equation of a line based on the given slope and a point and express the equation of a Line: Standard form. The slopes in this collection of grade 8 and high school pdf worksheets can be in the form of either integers or fractions whereas the coordinates are represented in integer form. Equation of a Line: Standard Form - Level 2 In this second level of worksheets, the coordinates are given as fractions and the slopes can be either in the form of fractions or integers. Apply point-slope formula and find the equation of a line. Represent the equation of a line in standard form ax + by = c. Parallel and Perpendicular Lines Find the equation of a line that is passing through the given point and is either parallel or perpendicular to another line. Write the equation of a line in standard form. Download these worksheets for ample practice. Graph the Line: Point-Slope Form Use this exclusive set of printable worksheets to graph the line based on the point and the slope provided. Plot the given point, mark another point on the grid using the given slope and graph the line. Use the answer key to verify your responses. 6.1 Notes: Slope Intercept Form 6.1 contd notes.pdf6.1 Homework: Page 245-246 #1-13, 18-20Lesson 6.1.pdf6.2 Notes: Point-Slope Form 6.2 notes.pdf6.2 Homework: Page 255-260 #1-11, 13, 16, 22Lesson 6.2.pdf6.3 notes.pdf6.3 Homework: Page 265-267 #1-15 Odds, 16, 17, 18Lesson 6.3.pdfExtra Practice with Converting Equations into Standard Form. Page 297.pdfReview for Module 6 Quiz (1920).pdf Mathworksheetsgo.com is now a part of Mathwarehouse.com. All of your worksheets are now here on Mathwarehouse.com. Please update your bookmarks! Students will practice working with the point slope form. Find the equation of a line by writing its equation of a line by writing its equation of a line with the given slope and y-intercept. Express your answer in point slope form. Find the equation of the line that passes through the following two points. Express your answer in point slope form. Write the equation of the line graphed below. Express your answer in point slope equation to slope intercept form. This is a 4 part worksheet: Part I Model Problems Part II Practice Part III Challenge Problems Part IV Answer Key