

Mrs. Logan Advanced Math
Week 29: March 18-22

Module 4: Graphs of Linear Equations and Systems of Linear Equations
Topic B: Slope and Equation of a Line

	Monday March 18th	Tuesday March 19th	Wednesday March 20th	Thursday March 21st	Friday March 22nd
Lesson	Lesson 7: Using Coordinates to Find Slope	Lesson 8: Slope-Intercept Form of the Equation of a Line	Lesson 9: Point-Slope Form of the Equation of a Line	Lesson 10: Comparing Equations in Different Forms	Module 4 Topic B Quiz
Pages	105-116	117-131	133-150	151-162	75-162
We will...	develop a formula to find the slope of any line.	develop a new form for the equation of a line that highlights two characteristics of the line.	develop another form for the equation of a line based on the slope and any point on the line.	rewrite linear equations in another form to identify whether the equations represent the same line.	write, graph and analyze linear equations
Bell Ringer	Using Coordinates for Slopes	Proportional Relationship Equation	Equations of a Line	Which Equation?	Quiz Prep
Exit Ticket	Slope Formula	Components of Slope-Intercept	Write and Graph Point-Slope	Same Line?	Quiz Feedback
I will...	develop the formula for the slope of a line.	develop slope-intercept form and write and graph equations in slope-intercept form.	develop point-slope form and write and graph equations in point-slope form.	write linear equations from tables and determine if different linear equations represent the same line.	determine equations that represent lines in multiple forms and graph and analyze linear equations.
Reminders				Annotated Study Guide	M4TB Quiz
State Standards	8.EE.B Understand the connections between proportional relationships, lines, and linear equations.				
	8.EE.B.5 Graph proportional relationships, interpreting the unit rate as the slope of the graph. Compare two different proportional relationships represented in different ways.				
	8.EE.B.6 Use similar triangles to explain why the slope m is the same between any two distinct points on a non-vertical line in the coordinate plane; derive the equation $y = mx$ for a line through the origin and the equation $y = mx + b$ for a line intercepting the vertical axis at b .				