

Mrs. Logan 7th Grade Math
Week 2: August 21-25

Module 1: Ratios and Proportional Relationships

Topic A: Understanding Proportional Relationships & Topic B: Working with Proportional Relationships

	Monday August 21st	Tuesday August 22nd	Wednesday August 23rd	Thursday August 24th	Friday August 25th
Lesson	Lesson 4: Exploring Graphs of Proportional Relationships	Lesson 5: Analyzing Graphs of Proportional Relationships	Lesson 6: Identifying Proportional Relationships with Written Descriptions	Module 1 Topic A Quiz	Lesson 8: Relating Representations of Proportional Relationships
Pages	45-60	61-78	79-92	7-92	103-120
We will...	examine the graphs of proportional relationships.	make connections between the graph of a proportional relationship and other representations of that relationship.	identify proportional relationships from written descriptions.	Apply our knowledge about proportionality in four types of representations.	identify the constant of proportionality in each of the four representations: tables, graphs, equations and situations.
Bell Ringer	Table Sort	Graphs of Proportional	Representations of Proportionality	Quiz Prep	Write Equations
Exit Ticket	Proportionality in Graphs	Identifying Proportionality in Graphs	Proportionality in Written Descriptions	Quiz Feedback	Proportionality in All Representations
I will...	Interpret and make sense of the point (0,0).	Analyze graphs to determine whether they represent proportional relationships.	Determine whether a written description represents a proportional relationship.	Synthesize my understanding of what makes a variety of representations proportional or non proportional.	Explain why it is beneficial to identify the constant of proportionality.
Reminders		Gallery Walk in today's lesson is for a grade.	Quiz tomorrow! Study Guide will be posted on my Canvas.	Module 1 Topic A Quiz	
State Standards	7.RP.A.2.a. Decide whether two quantities are in a proportional relationship, e.g., by testing for equivalent ratios in a table or graphing on a coordinate plane and observing whether the graph is a straight line through the origin.				
	7.RP.A.2.b. Identify the constant of proportionality (unit rate) in tables, graphs, equations, diagrams, and verbal descriptions of proportional relationships.				
	7.RP.A.2.c. Represent proportional relationships by equations.				
	7.RP.A.2.d. Explain what a point (x, y) on the graph of a proportional relationship means in terms of the situation, with special attention to the points (0, 0) and (1, r) where r is the unit rate.				
	7.RP.A.3. Use proportional relationships to solve multi-step ratio and percent problems of simple interest, tax, markups and markdowns, gratuities and commissions, fees, percent increase and decrease, and percent error.				