

**Mrs. Logan 7th Grade Math**  
**Week 1: August 14-18**

**Module 1: Ratios and Proportional Relationships**  
**Topic A: Understanding Proportional Relationships**

	Monday August 14th	Tuesday August 15th	Wednesday August 16th	Thursday August 17th	Friday August 18th
Lesson	In the Numbers- Math About Me		Lesson 1: An Experiment with Ratios and Rates	Lesson 2: Exploring Tables of Proportional Relationships	Lesson 3: Identifying Proportional Relationships in Tables
Pages	Worksheet		7-14	15-30	31-44
We will...	use math skills and concepts as an introductory activity.		explore how we can use constant rates to compare ratio relationships and calculate rates related to sorting machines.	examine the specific characteristics in tables of values that give us information about the relationship represented by the data in the table.	find how a unit rate can be helpful when solving ratio problems.
Bell Ringer	Class Expectations		Coin Sorting	Similarities and Differences	Fractional Ratios
Exit Ticket	Goal Setting cont.		Calculating Rates	Identifying Proportionality	Proportionality in Tables
I will...	determine goals for the upcoming year.		Compare different relationships in situations by using ratio and rate meaning.	Identify proportional relationships represented by tables by calculating unit rates.	Analyze tables to identify proportional relationships and determine the unit rate associated with a ratio of fractions by evaluating a complex fraction.
Reminders	In The Numbers- Math About Me due for grade on Tuesday, August 15th.				Topic A Quiz after Lesson 6- next week.
State Standards	7.RP.A.1. Compute unit rates associated with ratios of fractions, including ratios of lengths, areas and other quantities measured in like or different units				
	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.c. Represent proportional relationships by equations.				