

MATH AGENDA May 1 - 5th

7.RP.A.3 Use proportional relationships to solve multistep ratio and percent problems.

7.NS.A.3 Solve real-world and mathematical problems involving the four operations with rational numbers.

7.EE.B.3 Solve multistep real-life and mathematical problems posed with positive and negative rational numbers in any form (whole numbers, fractions, and decimals), using tools strategically. Apply properties of operations to calculate with numbers in any form; convert between forms as appropriate; and assess the reasonableness of answers using mental computation and estimation strategies.

DATE	FOCUS QUESTION	IN CLASS WORK (Performance Task)	SUCCESS CRITERIA HOMEWORK
Monday May 1st	FOCUS QUESTION How can you use rate tables, graphs and equations to find missing values?	<ul style="list-style-type: none"> Students will make a data table for the mass of different amounts of gummy bears, then graph the data and write an equation to match the data. 	HW: An Experience in Proportion Relationship Students will be able to explain how they found the number of gummy bears to equal a mass of 210 grams. (84 gummy bears)
Tuesday May 2nd	FOCUS QUESTION How can you use proportions and percent tables to find various percentages of a value when you know a certain percentage of the same value?	<ul style="list-style-type: none"> Students will watch a launch video. We will go over these words: mark up and commission Students will answer question 3.1 A on page 64. 	HW: Page 71 problems 1-11 Students will explain how to find 10% commission on a \$500 purchase.
Wednesday May 3rd	FOCUS QUESTION How can percent word problems be set up to find an answer?	<ul style="list-style-type: none"> Students cut out a foldable showing how to set up percent word problems. Then they will practice some problems together in class. <p>GUEST TEACHER (I will be a chaperone for the Washington D.C trip.)</p>	HW: Percent Equations Students will be able to explain ho to step up this percent word problem. What is 30% of 20? Answer is 6
Thursday May 4th	FOCUS QUESTION How can you use unit rates, proportions, equations and rate tables to scale a variety of units?	<ul style="list-style-type: none"> Students will watch a launch video. We will go over measurement conversions in class. Students will complete the questions on page 66 problem 3.2 A <p>GUEST TEACHER (I will be a chaperone for the Washington D.C trip.)</p>	HW: Page 74 problems 15-18 Students will explain how to set up a proportion and to find how many pounds make make 18 ounces. (Answer is 1.5 lbs)
Friday May 5th	FOCUS QUESTION Do you have a better chance at winning when you have rock, paper or scissors?	<ul style="list-style-type: none"> Students will play the hand game: Rock, Paper, Scissors and record the data of how often each show up and wins. <p>GUEST TEACHER (I will be a chaperone for the Washington D.C trip.)</p>	HW: None Students will be able to explain that the probability for rock, paper and scissors to show up is equally 33%. So neither is better than the other.