

**Mrs. Logan 7th Grade Math**  
**Week 16: December 4-8**

**Module 3: Expressions, Equations and Inequalities**  
**Topic C: Solving Equations**

	Monday December 4th	Tuesday December 5th	Wednesday December 6th	Thursday December 7th	Friday December 8th
Lesson	Lesson 12: Solving Problems Algebraically and Arithmetically	Lesson 13: Solving Equations- Puzzles	Lesson 14: Solving Equations- Scavenger Hunt	Lesson 15: Solving Equations Fluently	Lesson 16: Using Equations to Solve Rate Problems
Pages	167-182	183-196	197-209	211-222	223-239
We will...	develop our approaches to modeling word problems by writing and solving equations.	engage in puzzle activities that can help us improve our skills in solving equations.	look for opportunities to change the form of rational numbers to make solving equations more efficient.	practice solving many different types of equations while considering different strategies for solving and look for the most efficient way to solve.	continue working with word problems that can be solved algebraically and arithmetically.
Bell Ringer	Same Solution	Guess and Check	Write and Solve	One Step Sprint	Rate Similarities
Exit Ticket	Using Perimeter to find Side Length	Solving Equations	Solving Equations	Solving Equations	Rate Problems
I will...	use if-then moves to solve real word problems leading to equations with rational numbers.	use if-then moves to solve equations with specific rational numbers	solve equations with specific rational numbers	fluently solve equations with specific rational numbers	create and solve real world problems containing rates by using equations with specific rational numbers
Reminders				Sprint Today for a Grade	Equation Puzzle from yesterday due for a grade.
State Standards	7.EE.B.3. Solve multi-step 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.				
	7.EE.B.4.a. Solve word problems leading to equations of the form $px+q=r$ and $p(x+q)=r$ , where $p$ , $q$ , and $r$ are specific rational numbers. Solve equations of these forms fluently. Compare an algebraic solution to an arithmetic solution, identifying the sequence of the operations used in each approach.				