Mrs. Logan 7th Grade Math
Week 18: January 4-5

Module 3: Expressions, Equations and Inequalities
Topic D: Inequalities

	Monday	Tuesday	Wednesday	Thursday Janujary 4th	Friday January 5th
Lesson	Holiday Break!			Lesson 18: Understanding Inequalities and Their Solutions	Lesson 20: Preserving and Reversing
Pages				259-268	287-301
We will…				see two new inequality symbols and also use what we already know about inequalities to find and graph their solutions.	learn more efficient ways of solving inequalities.
Bell Ringer				Number of Solutions	Match Inequatlity to a Graph
Exit Ticket				Determine the Solution(s)	Graphing a Solution Set
I will...				find solutions to inequalities by testing numbers and graping them on a number line.	identify when to reverse the inequality symbol to produce an equivalent inequality.
Reminders				We will also look at Lesson 19: Using Equations to Solve Inequalities	
State Standards	7.EE.B.4. Use variables to represent quantities in a real-world or mathematical problem, and construct simple equations and inequalities to solve problems by reasoning about the quantities.				
	7.EE.B.4.b. Solve word problems leading to inequalities of the form $px+q>r$, $px + q \geq r$, $px + q < r$, or $px + q \leq r$, where p, q, and r are specific rational numbers. Graph the solution set of the inequality and interpret it in the context of the problem.				