

**MPM 1D Learning Goals & Success Criteria**  
**Unit 1 – Number Sense and Proportional Reasoning**

<b>Learning Goal: I will be able to simplify numerical expressions. (NA2)</b>		
<b>Success Criteria</b>		
<p>I can:</p> <ul style="list-style-type: none"> <li>Simplify numerical expressions involving integers and rational numbers, with and without the use of technology.</li> <li>Solve problems requiring the manipulation of expressions arising from applications of percent, ratio, rate, and proportion</li> </ul>		
<b>Test Information:</b>		
<p>Test dates are below. You have 90 minutes to complete it. The more prepared you are, the less stressed you will feel about time!</p> <ul style="list-style-type: none"> <li>Cohort B – Tuesday, November 24<sup>th</sup> (we will review for the first 75 minute block, then write)</li> <li>Cohort A – Thursday, November 26<sup>th</sup> (we will review for 30 minutes and then write)</li> </ul>		
<p>There is a more detailed test outline below. Please refer to that while you study. To study:</p> <ul style="list-style-type: none"> <li>Review your notes while you complete some form of review organizer/study note. Try to connect the learning goals and success criteria to specific types of questions!!</li> <li>Redo your quizzes and the examples from the notes on your own.</li> <li>Correct your handouts. Remember that I have the solutions posted in the room and on Edsby. Think critically about your mistakes so that you understand what went wrong!</li> <li>Complete the review handout.</li> </ul>		
<b>Questions to Expect</b>	<ul style="list-style-type: none"> <li>Evaluate expressions using BEDMAS (4 of them)</li> <li><b>Explain</b> operations with integers</li> <li><b>Explain</b> the error in someone's solution</li> <li>Write ratios, equivalent ratios, and ratios in lowest terms.</li> <li>Write a rate and then write it as a unit rate</li> </ul>	<ul style="list-style-type: none"> <li><b>Explain</b> ratios and rates and how they are similar and different and provide examples.</li> <li>Which is the better buy type of question (unit rate)</li> <li>Word problem with rates</li> <li>Calculations with percent</li> <li>Word problems with percentage values (3 of them)</li> </ul>
<b>Suggested Review:</b> Review Handout, Extra BEDMAS handouts (posted in Edsby)		
<b>Notes:</b> Please study. Do the review, but more importantly review your notes & quizzes, make notes, etc. If you need help, please send me messages on Edsby. Sending pictures of your work often helps me to help you!		