

Grade: 8 Math		3/11/10		Mastery Check	
Benchmark #: 8.1.4.K2a-b N					
<u>State Language:</u> Performs and explains these computational procedures with rational numbers: a) addition, subtraction, multiplication, and division of integers; b) order of operations (evaluates within grouping symbols, evaluates powers to the second or third power, multiplies or divides in order from left to right, then adds or subtracts in order from left to right)			<u>Student Friendly Language:</u> a) use all four operations using integers b) evaluate expressions using the order of operations		
<u>Concept (Students will know):</u> <ul style="list-style-type: none"> • Order of operations • All integer rules • Know what grouping symbols to do (), [] • Exponents 			<u>Skills (Students will do):</u> <ul style="list-style-type: none"> • Basic integer skills • Use basic integer skills in Real-World problems • Perform problems using order of operations including parentheses and brackets • Will solve any problems using exponents 		<u>DOK Level:</u> <p style="text-align: center;">2</p>
<u>Big Ideas:</u> 1. Students will use the rules of integers to solve Real-World problems. 2. Students will use rules for order of operations in any problem involving multiple operations.					
<u>Essential Questions:</u> 1) Why do we need to know the Order of Operations? 2) When and how do we use integers in real life situations?					
<u>Core Materials</u>			<u>Supplemental Materials:</u>		
<u>Teaching Strategies:</u>					
<u>Mastery Check Items:</u>					