

**Algebra I – Chapel Hill Middle School – 2010/2011 Academic Year**

<b>Teacher:</b> Lemon	<b>Date:</b> 9 – 20	<b>WEEK 5</b>
<b>TEKS OBJECTIVES</b>	8.3b – proportional relations, percents and rates; A.4a find specific function values, simplify, transform and solve equations.	
<p><i>Daily Assignments, Projects, and Notes:</i></p> <p><b>MONDAY</b></p> <p><b>Warm up:</b> TAKS practice – page 173, # 44, 45</p> <p><b>Discussion:</b> Correct and discuss the warm up and yesterday's independent work. Teacher (or volunteer students) will work all problems requested and explain as needed.</p> <p><b>Guided:</b> Ratios and Proportions. Vocab: ratio – uses division to compare two quantities; unit rate – when we divide ratio; proportion – equation the states that two ratios are equivalent. Practice setting up ratios: recipe 3 T butter to each cup of flour. 25 cents to a dollar; 2 eggs to make 2 dozen cookies; how many eggs in 6.5 dozen cookies; 30 tomatoes to make 12 jars of salsa; how many tomatoes for 4 jars. 3 is to 8 as x is to 32; 4 is to 12 as n is to 3. Map: 150 miles to each ½ inch; how many miles in 5 inches? Solving proportions – cross products. Show algebraic solution to demonstrate why cross products is shortcut. Remind of flexibility of proportions – unit rates; side to side; top to bottom. Work a couple together, include word problem ( use worksheet and work together)</p> <p><b>Group Work:</b> 3.5 and 3.6, odd problems</p> <p><b>Independent Work:</b> Finish the odd problems.</p>		<p>Special Education Modifications</p> <hr/> <p>Allow to complete half of assigned problems.</p> <p>Extra day for assignments.</p> <p>Peer tutoring.</p> <p>Calculators when indicated in IEP.</p> <p>Modified exams and quizzes – reduced problems or answer choices.</p> <p>Vocabulary terms in advance.</p> <p>GCS as needed.</p> <p>Other:</p>