2nd Nine weeks				
TAKS Obj.	**TEKS: Student Expectation**	**Teaching and Planning Notes**	**Glencoe**	**UCSMP**
10	**2A2A** use tools including factoring and properties of exponents to simplify expressions and to transform and solve equations; and	• Exponent rules (integer exponents) • Combining like terms, multiplying two binomials, factoring the greatest common factor, factoring perfect square trinomials • Instructional Considerations: use algebra tiles, foil method or box method for multiplying two or more binomials; • Review and assessment • Factoring Trinomials • Difference of squares • Sum and difference of cubes • Simplifying all square roots • Adding and multiplying all square roots	5-1 p. 254-260 5-2 p. 261-266, Practice and Study Guide 5-2 5-4 p. 274-280 5-5 p. 281-287 5-6 p. 288-295	LM 11-2B
2,9,10	**2A2A** use tools including factoring and properties of exponents to simplify expressions and to transform and solve equations; and **2A2B** use complex numbers to describe the solutions of quadratic equations. **2A9C** determine the reasonable domain and range values of square root functions, as well as interpret and determine the reasonableness of solutions to square root equations and inequalities; **2A9D** determine solutions of square root equations using graphs, tables, and algebraic methods; **2A9E** determine solutions of square root inequalities using graphs and tables; **2A9F** analyze situations modeled by square root functions, formulate equations or inequalities, select a method, and solve problems; and	• Rational Exponents • Solving square root equations • Complex numbers and complex number arithmetic	5-7 to 5-10 p. 296-322	Lesson Master 6-8 B 6-9 B
	Review and Assess			