

Algebra II

Chapter 5 –Exponential, Power and Logarithmic Functions

Assignments			I Can Statements	Done
Refresh Skills	pg. 251	1-4	Reteach/Review	
Section 5.1	pg. 255-258	1-6, 8, 10, 15	5a, 5b, 5c, 5d	
Section 5.2	pg. 262-265	1-7, 10, 13, 16	5c, 5e, 5g	
Section 5.3	pg. 270-273	1-6, 9, 10, 11, 13-15	5d, 5e, 5f, 5h, 5i, 5j, 5k	
Section 5.4	pg. 277-279	1-6, 11	5d, 5l, 5m	
Test 1 – sections 5.1 – 5.4			5a – 5m	
Section 5.5	pg. 283-286	1-6, 10, 12, 14, 16, 17	5n, 5h,	
Section 5.6	pg. 290-292	1-3, 5, 6, 8, 10, 12	5o, 5p, 5q	
Section 5.7	pg. 296-299	1-8, 10, 13, 15	5r	
Section 5.8	pg. 303-306	1-8, 14	5p, 5q, 5r, 5s, 5t	
Chapter Review	pg. 309-311	1-14		
Test 2 - Sections 5.5 – 5.8			5n – 5t	

I can Statements:	
5a	I can write an explicit equation for a geometric sequence.
5b	I can recognize the parent function of the exponential function family.
5c	I can write an exponential function from data.
5d	I can use point-ratio form of an exponential function.
5e	I can use the properties of exponents.
5f	I can use rational exponents.
5g	I can recognize the parent function of the power function family.
5h	I can solve equations using exponents.
5i	I can use nth roots in an equation.
5j	A can convert between rational exponents and nth roots.
5k	I can simplify a radical expression.
5l	I can use power functions to solve problems.
5m	I can use exponential functions to solve problems.
Test 1 – sections 5.1 – 5.4	
5n	I can write the equation for the inverse of a function given its equation.
5o	I can use the logarithm function.
5p	I can convert between logarithmic form and exponential form.
5q	I can use the change of base formula.
5r	I can use the properties of logarithms.
5s	I can use logarithms to solve exponential equations
5t	I can use exponents to solve logarithmic equations
Test 2 – sections 5.5 – 5.8	