

Algebra II

Chapter 7 – Quadratic and other Polynomial Functions

Assignments: Assignments will be checked in class for completion after they have been assigned. They will not be turned in, but can be used in the portfolio.

Assignments			Date Due	I Can Statements
Refresh Your Skills	pg. 377	1-4		
Section 7.1	pg. 382-385	1-7, 10, 12		7a, 7b
Section 7.2	pg. 390-393	1-6, 9, 11, 13		7b, 7c,
Section 7.3	pg. 400-402	1-5, 7, 9, 13		7e
Section 7.4	pg. 406-408	1-6, 8, 11, 13		7f
Section 7.5	pg. 412-415	1-3, 6, 7, 9, 10, 11, 13		7g, 7h
Test – Sections 7.1- 7.5				
Section 7.6	pg. 420-422	1-4, 6, 8, 9, 13		7d, 7i
Section 7.7	pg. 426-428	1-4, 7, 8, 11, 12, 14, 15		7i, 7j
Section 7.8	pg. 434-463	1-5, 5-7, 13, 17. 18		7k, 7l, 7m
Test – Sections 7.6 – 7.8				
Review	pg. 437-439	1-13		

I can Statements:	
	Part 1
7a	I can determine the degree of a polynomial from a table of data.
7b	I can write a polynomial function given a table of data.
7c	I can recognize the different forms of a quadratic equation.
7d	I can use the zero-product property to find the roots of a polynomial
7e	I can complete the square to find the vertex of a quadratic equation.
7f	I can use the quadratic formula to solve a problem.
7g	I can find the conjugate of a complex number.
7h	I can do calculations using complex numbers.
	Part 2
7i	I can write the equation of a polynomial function given its graph.
7j	I can determine the degree of a polynomial given its graph.
7k	Given one complex root, I can find additional roots.
7l	I can use polynomial division to find roots.
7m	I can use the Rational Root Theorem to find roots.