Quadratic Functions
Algebra II Assignment Sheet

Day	Objectives	Assignment	Assignment Score Earned
1	• State the max/min and axis of symmetry of a quadratic function in standard form • Graph quadratic functions in standard form	Worksheet #1	
2	• State the max/min and axis of symmetry of a quadratic function in standard and vertex forms • Graph quadratic functions in vertex and standard forms	Section 4.2 p. 249 (4-12 evens, 33-35 all, 51) Wksh 4.2 Evens ONLY	
3	• State the max/min and axis of symmetry of a quadratic function in standard, intercept, and vertex forms • Graph quadratic functions in vertex, standard and intercept forms • Write a quadratic function in standard form when given vertex/intercept forms	Section 4.2 Practice Worksheet **Study for Quiz!**	
4	• **Quiz** • Calculate min/max or zero feature on the graphing calculator to solve quadratic application problems • Solve a quadratic inequality or system of quadratic inequalities	Sections 4.9 – 4.10 p. 304 (3-5 all, 6-10 evens, 18-24 evens) p. 315 (13) p. 316 (7 parts a & b)	
5	• Write a quadratic function in vertex or intercept form when given the vertex and a point on the parabola • Write a quadratic function in standard form when given three non-critical points on the parabola	Section 4.10 p. 312 (4-26 evens) **Study for Quiz**	
6	• **Quiz** • Begin test review	Review Sheet	
7	• Test Review	p. 319 (8-13); p. 322 (42-44); p. 304 (21 and 24); p. 323 (28-30)	
8	• Test	TBA	