Honors 1

Quadratics Unit 2 - Graph $y = ax^2 + bx + c$ and $y = a(x - h)^2 + k$

Day	Topic	Problems	Presented Problems	Presenters
1	8.7 Factor $y = ax^2 + bx + c$	Pg 513 1, 2, 3, 11, 13, 15, 34, 67	1, 13	
2	8.7 Factor and Solve $0 = ax^2 + bx + c$ **and** 9.2b Graph $y = ax^2 + bx + c$ by Factoring First	Pg 513 5, 7, 23 9.2 Day 1 Graph by Factoring WKSHT 1, 2	5, 23	
3	Review Day 2 Items (no notes, just work day)	Pg 513 24, 25, 27, 47, 39 9.2 Day 1 Graph by Factoring WKSHT 3, 4	3 (wksht)	
4	9.1 Graph $y = ax^2 + bx + c$ by -b/2a	9.1 Practice WKSHT (note some problems have been omitted)	7, 12	
5	**Quiz 8.7-9.2b**	Desmos Investigation Online		
6	9.3b Graph Quadratics in Vertex Form and Compare all 3 Forms	Pg 569 4, 5, 10 and Vertex Form WKSHT	10 (book), 4 (wksht)	

Honors 1

Chapter 9 - Tools for Solving Quadratic Equations, Comparing Functions

Day	Topic	Assignment	Presented Problems	Presenters
1	8.9 - Solve Using Square Roots	Square Roots Wksht	11,12	
2	9.4 - Completing the Square and Simple Solving	Pg 577 1-4, 10-12, 5, 6, 67, 69	10, 5	
3	9.4 - Solve by Completing the Square and Standard Form to Vertex Form	Pg 577 19, 21, 29, 7 and write $y = 5x^2 - 10x + 6$ in Vertex Form	19 and Vertex Form	
4	9.5 - Solve Using the Quadratic Formula	Pg 587 1, 3, 7, 9, 69, 70	3, 7	
5	9.5 - Solve Using the Programmed Quadratic Formula and Interpret Discriminant	Pg 587 5, 11, 13, 17, 19, 21, 35, 37, 53-56	11, 13	
6	**Quiz 8.9-9.5**	Pg 405 75, 77, 79, 81		
7	9.6 Comparing Linear, Quadratic, Exponential	Pg 593 1, 3, 9-13, 23, 27-29,	12, 23	
8	9.7 - Absolute Value and Piecewise Functions	Pg 601 5, 18, 23, 7, 25, 27, 29, 31, 35 (need graph paper)	5, 25	
9	Review Chapter 9 and Graphing $y = ax^2 + bx + c$	Complete Practice Test		
10	**Chapter 9 and Unit 2: $y = ax^2 + bx + c$ Test**			