Pre-Calculus 11   <u>Unit 4: Analyzing Quadratic Functions & Inequalities</u>   Name: _____

Yes, you may use your calculator for this unit.

Topic	Suggested Questions	Completed?
4.1 Properties of a Quadratic Function	1,2,3,4all, 5abd, 6cd, 7, 8ab, 10ab, 11, 12(tough, but a good question), M/C 2	
4.2 Math Lab: Solving a Quadratic Equations Graphically	All	
Math Lab: Transforming the Graph of y=x²	All	
CheckPoint 1	Complete what you need to feel confident	
4.4 Analyzing Quadratic Functions of the form y=(x-p)²+q	1, 2, 3, 4, 5, 6a, 7ab, 8i (both a & b), 9, 11, 12, M/C 1,2	
4.5 Equivalent Forms of the Equations of the Quadratic Function	Complete what you need to feel confident	
4.6 Analyzing Quadratic Functions of the Form y=ax²+bx+c	1,2, 3adf, 4c, 5-13, M/C 1-3	
CheckPoint 2	Complete what you need to feel confident	
4.7 Modelling and Solving Problems with Quadratic Functions	Truthfully, all of the questions are great practice. Be sure to try at least 1 of each type (from Ex 1 &2 in the lesson	
4.8 Solving Linear and Quadratic Inequalties	3-5, 6 pick 2, 7, 8, 12, M/C 1, 2	
4.9 Solving Linear and Quadratic Inequalities Algebraically	3,4abf, 5,6, 7ac, 8ab,9, 10, 11, M/C 1-3	
Review	Complete what you need to feel confident. Not #11	
Practice Test	1-6	

Mark Record

Quiz	Quiz	Quiz	Test
4.1.2.3.4	4.5.6.7	4.8.9	