Honors Precalculus

Chapter 5 - Analytic Trigonometry

Day	Topic	Assignment	Presented Problems	Presenters
1	5.1 Using Fundamental Identities (no trig substitution)	Pg 354 7, 9, 33, 35, 37, 39, 45, 55, 59, 61 **(get trig identity card/sheet)**	7, 61	
2	5.2 Verifying Trig Identities	Pg 362 11, 13, 15, 19, 33, 34, 35, 38,	19, 38	
3	5.2 Verifying Trig Identities Using Conjugates and Working Both Sides (no HW ?s with both sides though for HW)	Pg 362 12, 14, 42, 43, 51, 55, 56, 79	43, 55	
4	Review/Work Day over 5.1-5.2	Pg 396 1, 3, 11, 12, 15, 16, 21, 22, 27, 28, 29, 37, 38		
5	**Quiz 5.1 - 5.2**	T.B.D.		
6	5.3 Solving Trig Equations	Pg 373 5, 11, 12, 13, 15, 17, 18, 21, 29, 35, 37 (just algebraically for 37)	13, 37	
7	5.3 Solving Trig Equations of Quadratic Type and More	5.3 Day 2 Worksheet		
8	Proving Sine Sum Formula, Double Angle Formulas, and Power Reducing Formulas	Prove the Cosine Sum Formula and Half Angle Formula Worksheet		
9	5.4 Sum and Difference Formulas	Pg 381 9, 13, 17, 19, 27, 29, 31, 37	9, 19	
10	5.5 Double Angle, Half Angle, and Power Reducing Formulas	Pg 390 9a-e, 50ab, 51, 55, 21 (just sin2u and cos2u), 36	9a-e, 50ab	
11	Review/Work Day over 5.3-5.5	Pg 396 51-54, 55, 56, 59, 60, 63-65		
12	**Quiz 5.3 - 5.5**	T. B. D.		
13	Chapter 5 Practice Test	Finish Practice Test and Study		
14	**Chapter 5 Test**			