Honors Precalculus

Chapter 4 pt 2 - Graphs of Trigonometric Functions

Day	Topic	Assignment	Presented Problems	Presenters
1	Intro Investigation to the Graphs of Sine and Cosine	Complete Investigation Worksheet		
2	4.5 Graphs of Sine and Cosine with Scaling Transformations	Pg 299 9, 10, 11, 13, 15, 17, 33, 43, 45, 47	43, 47	
3	4.5 Horizontal and Vertical Translations & Sketching Graphs	Pg 299 21, 28, 29, 31, 49, 52, 36, 39, 41, 95, 96	31, 49	
4	4.5 Equations with All Four Transformations & Writing an Equation	Pg 300 51, 55, 56, 73, 75, 77, 85	51	
5	4.6 Graphs Tangent and Cotangent	Pg 311 5, 6, 9, 11, 13, 41, 42, 48	9, 13	
6	4.6 Graphs of Cosecant, Secant, and Damped Trig Graphs	Pg 312 7, 8, 15, 17, 18, 65	15, 65	
7	Daylight Hours Investigation	Complete Investigation Worksheet (Due at start of Day 9)		
8	**Quiz 4.5 - 4.6**	T.B.D		
9	4.8 Solve Right Triangles and Trig Applications with Inverse Trig Functions	Pg 332 5, 7, 23, 24, 28, 64	51, 46	
10	4.8 Word Problem Work Day	Pg 332 42, 43, 40, 53, 46, 49, 51		
11	4.7 Evaluating Inverse Trig Functions and Their Graphs	Pg 322 1,2, 5, 6, 8, 10, 14, 15, 16, 33, 37, 101	10, 14	
12	4.7 Using Inverse Properties with Compositions	Pg 322 53, 55, 59, 61, 63, 65, 71, 102	61, 71	
13	Ancient Methods of Measuring Astronomical Distances	Finish Al-Biruni's Problem		
14	**Quiz 4.7 - 4.8**	T.B.D		
15	Chapter 4 pt 2 Practice Test	Finish Practice Test and Study		
16	**Chapter 4 pt 2 Test**			