

Honors Precalculus



Chapter 1 - Functions and Their Graphs



<u>Day</u>	<u>Topic</u>	<u>Assignment</u>	<u>Presented Problems</u>	<u>Presenters (coming soon)</u>
1	Classroom Expectations and Rules	Announced in class, on class website, and on Teams		
2	1.1 Linear Equations	<u>Pg 11</u> 7, 8, 27, 29, 31, 51, 67, 77, 79, 94a *Just write equations for #27-51		
3	1.2 Functions, Notation, Domain/Range of Equations	<u>Pg 24</u> 5, 7, 8, 11, 13, 15, 31, 33, 59, 60, 65		
4	1.3 Domain/Range of Graphs, Key Features	<u>Pg 37</u> 7, 9, 17, 18, 19, 21, 117		
5	1.3 Piecewise Functions, Step Function, Even/Odd	<u>Pg 37</u> 55, 56, 59, 47, 80, 81, 99-104		
6	1.2 - 1.3 Investigation/Review	<u>1.2 - 1.3 Review Worksheet</u>		
7	Quiz 1.1 - 1.3	Desmos Investigation of Function Transformations on Class Website		
8	1.4 Functions Transformations	<u>Pg 47</u> 5, 7, 13, 16, 23, 27, 19a, 19c, use graph from #20 and make a table/graph $y = 2f(x-3) - 4$		
9	1.5 Combinations of Functions	<u>Pg 56</u> 11, 13, 17, 19, 21, 25, 7, 9		
10	1.5 Composition of Functions	<u>Pg 56</u> 41, 42, 43, 47, 56, 69, 71, 81, 87		
11	1.5 Investigation	<u>Complete Combinations and Composition of Functions Investigation Worksheet</u>		
12	1.6 Find Inverse Function and Verify Inverse Functions	<u>Pg 67</u> 71-74 (just find inverse equation), 25ac, 27ac, 34ac		
13	1.6 Graphs of Inverse Functions and if Inverse Exists	<u>Pg 67</u> 15-18, 91, 92, 35, 37, 101		
14	1.7 Linear Models and Scatterplots	<u>Pg 77</u> 1-4, 7-10, 17cd, worksheet problem		
15	Jeopardy Review (could be a place to cut if needed)	Review for Quiz		
16	Quiz 1.4-1.7	Begin Practice Test		
17	Chapter 1 Practice Test	Finish Practice Test and Study		
18	Chapter 1 Test	Enjoy a hobby of yours		