

Honors Precalculus

Chapter 10: Functions and Their Graphs

Learning Goal: I can use the properties of functions to analyze their graphs including piecewise, quadratic, cubic, rational etc..

Section	Objective	Problems
Review #1	Algebra 2 review	Worksheet
11.1	Quadratics	Pg 614 # 1-33 e.o.o. every other odd
10.2	Functions	Pg 558 # 1,3, 9-41 odds (skip 15)
10.4	Piecewise Functions	Pg 585, #21-29 all, 33-36 all
10.3	Functions and their Graphs	Pg 572 #1 – 13 odd, 17, 21-30 all, 37-65 eoo
Composite Functions		Worksheet – composite functions
Review		Old homework/w-ups Pg 598 # 11-75 odds Pg 670, 1-15 odds
TEST	Week 1 reviews and Chapter 10	

Chapter 11: Classes of Functions

Learning Goal I can solve all types of functions including quadratic, logarithm, exponential, power, polynomial and rational and apply them to real world problems.

Section	Objective	Problems
11.2A	Power Functions	Pg 625 #1-27 odds (for #23-27, also state the end behavior)
11.2B	Long Division and Decomposing Fractions	Worksheet
11.2 C	Graphing Rational Functions	Worksheet
11.3	Exponential Functions	Pg 638, #11-17 odd, 35-52 all, 59
Quiz	Quiz over 11.2 A, B, & C	
11.5	Log Properties	Pg 661, #1-65 odd skip #15
11.5 A	Solving Log Equations	Worksheet
11.5 B	Graphing Logs and Exponential Equations	Worksheet
Review		Old homework/ w-up Pg 670 #19-82 odd
TEST CH 11		