

Welcome to

Precalculus H

2019-2020

Welcome to Precalculus Honors! Precalculus is the study of functions. The goal of this course is to prepare you to take calculus as a senior, and success in calculus depends on your knowledge of these different function as well as very strong algebra skills.

About Your Summer Assignment

This summer you will have a chance to sharpen your algebra skills and review linear and quadratic functions so that we can immediately begin working towards this goal when you return in September. During this summer, you will be expected to complete the REQUIRED summer assignment (see reverse). Most of this assignment is a review of topics from Algebra 1 and 2 that you have already studied.

To complete your summer assignment:

- **READ** (yes, *READ!*) each section to make sure you understand the concepts.
- **STUDY** the **PowerPoint** on the website that further reviews the topics from the book.
- **COMPLETE** ALL assigned problems (see reverse.)

This assignment is DUE the first day of classes. You will have one full class period to ask questions about this assignment.

You will have TEST on this material during the first week of classes.

TO PURCHASE YOUR BOOK:

1. Go to www.mbsdirect.net and purchase an access code.
2. Go to www.mymathlab.com to register for Precalculus H using course ID: **brunner37958**

If you have any problems, contact Mr. Curley at pcurley@awhs.org.

To access your book on your iPad, go to the App Store and download the Pearson eText app, which looks like:



SUMMER ASSIGNMENT

Textbook: "Precalculus" (5th Edition), Pearson

Author: Robert Blitzer

Complete the following exercises from the book.

Do NOT use a calculator unless otherwise noted in the directions:

Exercise Set P.1 (Algebraic Expressions): #11, 16, 21-23 odds, 61-65 odds, 93, 95, 111-119 odds, 121-126 odds

Exercise Set P.2 (Exponents): #19, 41, 47, 57, 63, 107-114 all

Exercise Set P.3 (Radicals): #1-107 multiples of 3

Exercise Set P.4 (Polynomials): #9, 11, 13, 27, 39, 43, 45, 49, 57, 75, 81, 83, 85, 89, 93, 95

Exercise Set P.5 (Factoring): #5, 9, 11-16 odds, 23, 27, 33, 35, 37, 43, 45, 57-63 odds, 71, 95, 103-113 odds, 117

Exercise Set P.7 (Equations): #15, 17, 21, 25, 27-82 odds, 91-109 odds, 125, 127

Exercise Set P.9 (Linear Inequalities): #1-55 odds

Exercise Set 1.4 (Linear Functions & Slope): #7, 19, 23, 29, 31, 33, 35, 49-72 odds, 79, 80, 83

Exercise Set 1.5 (More on Slope): #1-18 all, 21-26 all

Exercise Set 1.6 (Transformations of Functions): #53-66 odds, 81-94 odds

Exercise Set 2.2 (Quadratic Functions): #1-44 odds

Exercise Set 2.4 (Dividing Polynomials; Factor and Remainder Theorems): #1-42 odds