

## **All students entering Algebra 1, Geometry, Algebra 2 and Advanced Math.**

All summer work is found using your Pearson MyLabMath account username and password from the 2024-2025 math course you took at PBS.

Under “Course Home”, set your calendar view to “View by Month”. Scroll down to see “Current Assignments”. Use these assignments to practice your skills in preparation for August 15 when you will take your first test on Prerequisite skills. All concept based quizzes are set to give you access to learning aids, unlimited attempts, and the save for later feature.

If you need assistance, contact the High School Office for tech support, tutoring recommendations, or any other issues.

### **Entering Algebra 1**

ALGEBRA 1 IS NOT ALLOWED THE USE OF CALCULATORS! PRACTICE TO PREPARE.

Simplify Fractions

Add / Subtract / Multiply / Divide Decimals

Unit conversions

Compare numbers using inequality symbols

Add / Subtract Integers

Fraction – Decimal – Percent Conversions

Order of Operations

Simplify Radical Expressions

Simplify Algebraic Expressions

Solve Linear Equations

## **Entering Geometry CP / Honors**

Operations with Real Numbers

Operations with Radicals

Solving Equations

Operations with Polynomials

Geometry Terms and Equations

Simplify Radical Expressions

Unit conversions

Compare numbers using inequality symbols

Geometry Readiness Practice Test

## **Entering Algebra 2 CP**

Identify and evaluate algebraic expressions

Operations on Real Numbers

Order of Operations

Simplify algebraic expressions

Solve Linear Equations

Linear Inequalities

Solve Formulas for a Variable

The Coordinate Plane

Graphing Linear Equations

Exponents

Multiply Polynomials

Simplify Radical Expressions

Solve Quadratic Equations

Factor Polynomials

Algebra 2 Readiness Practice

## **Entering Algebra 2 Honors**

Real Numbers and Order of Operations

Laws of Exponents

Polynomials

Radical Expressions

Factoring Polynomials

Rational Expressions

Solve Quadratic Equations

Simplify algebraic expressions

Solve Linear Equations

Graphing Linear Equations

Algebra 2 HONORS Readiness Practice Test

## **Entering Advanced Math CP / DE**

Factor Polynomials with Leading Coefficient greater than 1

Polynomial Special Products

Simplify Radical Expressions

Solve Radical Equations

Linear and Rational Equations

Solve Linear Inequalities

Properties of Exponents

Quadratic Equations

Advanced Math Readiness Practice Test

## **Entering AP Precalculus**

Relations and Functions

Properties of Function's Graphs

Graphs of Basic Functions

Transformations of Functions

Algebra of Functions

Quadratic Functions

Graphs of polynomial functions

Zeros of Polynomial Functions

Synthetic Division, Long Division and Laws of Exponents

Radicals

Rational Expressions and Equations

Methods of solving Quadratic Equations

Properties of Graphs

Exponentials and Logarithms

Basic Trigonometry

AP Precalculus Readiness EXTRA Practice Test