



Probability and Statistics Honors: Summer Home Learning

1. Go to the IXL app or the website www.IXL.com/signin/pacespartans
 2. Enter your username and password.
 - **Each student's USERNAME** is their @pacespartans email, WITHOUT ".com" at the end. For example, **jdoue15123@pacespartans.com** would just use **jdoue15123@pacespartans** to login.
 - **Each student's PASSWORD** is their date of birth, just the month and day, with no dashes. For example, a student born on **February 4** would have the password **0204**
 1. Click on **MATH** at the top of the page and navigate to **ALGEBRA 1 / ALGEBRA 2 / PRE-CAL.**
 2. Complete each skill listed below with a SmartScore of **80 or above**.
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The following sections are **MANDATORY** and will count as your first quiz grade:

ALGEBRA 1

Statistics

- KK.2 – Mean, Median, Mode, and Range

ALGEBRA 2

Equations

- B.1 - Solve linear equations
- B.2 - Solve linear equations: word problems
- B.5 - Solve multi-variable equations

Polynomials

- K.2 - Add and subtract polynomials
- K.3 - Multiply polynomials
- K.4 - Divide polynomials using long division

PRE-CAL

Functions

- A.1 - Domain and range
- A.2 - Identify functions
- A.3 – Evaluate functions

- A.4 - Find values using function graphs
- A.5 - Complete a table for a function graph
- A.9 - Linear functions over unit intervals
- A.11 - Add, subtract, multiply, and divide functions