



Algebra II 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, **jdoe15123@pacespartans.com** would just use **jdoe15123@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**.
 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

Solve Equations

- J.5 – Solve Advanced Linear Equations
- J.6 – Solve Equations with Variables on Both Sides
- J.11 – Solve Linear Equations: Mixed Review

Single Variable Inequalities

- K.10 – Solve Advanced Linear Inequalities
- K.11 – Graph Solutions to Advanced Linear Inequalities

Linear Functions

- S.3 – Find the Slope of Two Points
- S.5 – Slope-Intercept Form: Find Slope and y-intercept
- S.6 – Slope-Intercept Form: Graph an Equation
- S.8 – Slope-Intercept Form: Write an Equation

Exponents

- V.3 – Negative Exponents
- V.8 – Evaluate Expressions using Properties of Exponents

Polynomials

- Z.1 – Polynomial Vocabulary
- Z.4 – Add and Subtract Polynomials
- Z.10 – Multiply Polynomials

Factoring

- AA.8 – Factor Polynomials