

Name \_\_\_\_\_ Date \_\_\_\_\_

## Algebra 1 Summer Packet 2020

The goal of summer math is to ensure that students are prepared for their high school Algebra 1 class. The skills learned in elementary and middle school are an integral part of success at the high school level, and this packet covers many of the important concepts that students entering high school should have mastered to succeed in Algebra 1.

All incoming freshman students in the class of 2024 should complete the math assignments over the summer. **The assignments are due by Friday, September 4, 2020.** Assignments will not be accepted late.

You will receive a grade of 100% for completing the packet with a “smart score” of 65 or better.

Only use the calculator on IXL if it is allowed. The computer will advise. Additionally, a pretest will be administered during the first week of school. The pretest will assess all the concepts that were practiced in the summer math assignment.

If you lose your sign on information for the IXL summer math assignments, please feel free to email [deborah.giammarco@npsd.k12.ri.us](mailto:deborah.giammarco@npsd.k12.ri.us). Good Luck! Have an awesome summer and stay safe! We look forward to meeting all of you in the Fall!

Additionally, if you should lose the packet information, there is a copy on the school department website.

**Over**

## Instructions for accessing the IXL software program for Algebra!

1. Log onto <https://www.ixl.com/signin/nphs>
2. Enter username and password that you received from your teacher
3. Choose the **MATH** tab that is located on top of page
4. Scroll down and choose **ALGEBRA I** tab on left side of screen
5. Complete all the **Starred Standards** by clicking on each standard and begin practicing the skill until you score a 65 or higher for the smart score.  
*Smart Score is located on the right side of the screen in red!!*
6. You must score **at least a 65 for the smart score**  
**in order to receive full credit for the summer assignments.**
7. **Standards must be completed by September 4, 2020.**

**\*\*\* Please record the score you received on the following score sheet!\*\*\***

NAME \_\_\_\_\_

<b>IXL Standards</b>	<b>Score Received</b>
<b>B.1 Add, subtract, multiply, and divide integers</b>	
<b>B.2 Evaluate numerical expressions involving integers</b>	
<b>B.3 Evaluate variable expressions involving integers</b>	
<b>B.4 Add and subtract rational numbers</b>	
<b>B.5 Multiply and divide rational numbers</b>	
<b>B.6 Evaluate numerical expressions involving rational numbers</b>	
<b>C.5 Solve proportions</b>	
<b>C.6 Solve proportions: word problems</b>	
<b>G.1 Coordinate plane review</b>	
<b>H.2 Distributive property</b>	
<b>I.5 Does x satisfy the equation?</b>	
<b>I.7 Solve equations using order of operations</b>	
<b>J.3 Solve one-step linear equations</b>	
<b>J.4 Solve two-step linear equations</b>	
<b>J.5 Solve advanced linear equations</b>	
<b>J.6 Solve equations with variables on both sides</b>	
<b>K.8 Solve two-step linear inequalities</b>	
<b>S.1 Identify linear functions</b>	
<b>S.6 Slope-intercept form: graph an equation</b>	
<b>S.11 Linear equations: solve for y</b>	
<b>V.4 Multiplication with exponents</b>	
<b>V.8 Evaluate expressions using properties of exponents</b>	