

## NORTH HAVEN HIGH SCHOOL

### SUMMER MATH ASSIGNMENT

For students taking Foundations of Math I or Foundations of Math II in August 2015

All middle school students and students in Foundations I (General Math) used the IXL website to practice a variety of math skills throughout the school year. Students will continue to have access to this website over the summer. Please see the second page of this document for a list of skills students taking Foundations of Math I and II should work on over the summer. This assignment needs to be completed before the first day of school.

Students are expected to practice the assigned skills until they reach a smart score of 80 or higher or reach 30 minutes (whichever happens first). (They have been asked to do this throughout the year so they should be familiar with where to find their score for each skill.) At the beginning of school, teachers will run a report that shows the skills each student worked on and if they reached a smart score of 80. This report also shows how long it took students to reach that score and how many problems he/she had to solve in order to reach that score. This is all valuable information that teachers will use at the start of the year (in addition to other formal and informal assessments) to get to know a student's strengths and weaknesses. Students may have already worked on some of the assigned skills throughout the year. If that is the case, they should begin from the smart score they already have. (i.e. A student may have a smart score of 64 from October and over the summer will practice this skill again starting at 64 until he/she reaches a smart score of 80.) If a student has reached 80 during the school year, he/she should try to reach a smart score of 100 to make sure that he/she has retained the skill from earlier in the year. If students have difficulty with any of the skills, the website will provide an explanation of how to do the problems. If a student is still having difficulty even after reading and working through the examples given, he/she may also want to try [www.khanacademy.org](http://www.khanacademy.org) for a video tutorial on the concept or skill.

To access the website go to: [www.ixl.com/signin/northhaven](http://www.ixl.com/signin/northhaven) . Students will then be asked to enter their username and password. This is the same username and password that they have used throughout the year.

The mathematics department thanks you for your support and wishes you and your family a happy and restful summer!

**SUMMER MATH ASSIGNMENT**  
For students taking Foundations of Math I or Foundations of Math II

Students are expected to practice the following skills until they reach a smart score of 80 or higher or until you practice for 30 minutes (whichever happens first). You are welcome to practice other skills from this grade or other grades as well once you have finished this assignment. If you already have a smart score, begin where you are and continue practicing until you reach 80 or reach 30 minutes. If you reached 80 during the school year, you should try to reach 100 over the summer.

You do not need to turn in this sheet but you may want to use it to check off each skill as you reach your goal. You may want to approach this assignment by practicing multiple skills for a few minutes each day throughout the summer until you reach your goal or you may want to practice one skill at a time and reach your goal before moving on to the next.

This assignment needs to be completed prior to the first day of school (August 26<sup>th</sup>).

Grade	Skill	Description	Date Completed	Score	Time Practiced (Number of minutes)
8	B.4	Compare Integers			
8	C.3	Add/Subtract Integers			
8	C.7	Multiply/Divide Integers			
8	K.2	Unit prices			
8	K.5	Discounts, Tax, and More			
8	U.4	1-Step Equations			
8	H.8	Proportions			
8	J.1	Percents, Decimals, and Fractions			
6	X.1	Add/Subtract/Multiply/Divide Whole Numbers			