



Summer Math 2016
Middle School Mathematics
Introduction to Algebra
Mr. Everett

Dear Introduction to Algebra Students and Parents,

This year, students enrolled in Introduction to Algebra will complete summer math work online. The learning activities listed on the following pages are to be accessed through the IXL.com website. **Be sure to log in with your username and password to track your progress and receive credit for your work.** This information has been emailed to your Wooster School email account.

Approach the learning activities in the order of your choosing. Work on each module for 20-30 minutes or until you reach 90% mastery. If, for example, you reach 90% mastery after 12 minutes, you should feel free to move onto a new topic.

It will take you about **8 hours** to complete this work. We encourage you to break this work into manageable parts. Try to tackle three activities per week. To keep track of your progress, check off each activity upon completion.

Mr. Everett has the ability to view your activity log and he can see how many problems you attempt and how long you work. This is how Wooster School will track your progress over the course of the summer and develop a better understanding your mathematical background.

When you approach this work, bear in mind the Wooster School Honor Code. In this instance, the expectation is that you will complete this work independently and without the assistance of a calculator.

If you run into any questions or confusion, please email the Introduction to Algebra teacher at: peter.everett@woosterschool.org.

Good luck!

Introduction to Algebra Summer Math Work Checklist

- ⌘ A-5(6) Add and subtract whole numbers: word problems
<https://www.ixl.com/math/grade-6/add-and-subtract-whole-numbers-word-problems>

- ⌘ B-8(6) Estimate products
<https://www.ixl.com/math/grade-6/estimate-products>

- ⌘ D-2(6) Evaluate exponents
<https://www.ixl.com/math/grade-6/evaluate-exponents>

- ⌘ F-2(6) Word names for decimal numbers
<https://www.ixl.com/math/grade-6/word-names-for-decimal-numbers>

- ⌘ G-2(6) Add and subtract decimals: word problems
<https://www.ixl.com/math/grade-6/add-and-subtract-decimals-word-problems>

- ⌘ I-3(6) Simplify fractions
<https://www.ixl.com/math/grade-6/simplify-fractions>

- ⌘ I-7(6) Compare fractions: word problems
<https://www.ixl.com/math/grade-6/compare-fractions-word-problems>

- ⌘ J-3(6) Add and subtract fractions with unlike denominators
<https://www.ixl.com/math/grade-6/add-and-subtract-fractions-with-unlike-denominators>

- ⌘ K-3(6) Fractions of a number: word problems
<https://www.ixl.com/math/grade-6/fractions-of-a-number-word-problems>

- ⌘ L-7(6) Divide fractions and mixed numbers
<https://www.ixl.com/math/grade-6/divide-fractions-and-mixed-numbers>

- ⌘ B-1(7) Understanding integers
<https://www.ixl.com/math/grade-7/understanding-integers>

- ⌘ B-5(7) Compare and order integers
<https://www.ixl.com/math/grade-7/compare-and-order-integers>

- ⌘ C-1(7) Integer addition and subtraction rules
<https://www.ixl.com/math/grade-7/integer-addition-and-subtraction-rules>

- ⌘ C-3(7) Add and subtract integers
<https://www.ixl.com/math/grade-7/add-and-subtract-integers>

- ⌘ C-5(7) Add and subtract integers: word problems
<https://www.ixl.com/math/grade-7/add-and-subtract-integers-word-problems>

- ⌘ C-6(7) Integer multiplication and division rules
<https://www.ixl.com/math/grade-7/integer-multiplication-and-division-rules>

- ⌘ H-2(7) Convert between decimals and fractions or mixed numbers
<https://www.ixl.com/math/grade-7/convert-between-decimals-and-fractions-or-mixed-numbers>

- ⌘ J-1(7) Understanding ratios
<https://www.ixl.com/math/grade-7/understanding-ratios>

This work was independently completed by _____.
Student Name

Student Signature Date

Parent Signature Date

**Bring this completed and signed checklist to your math class on the first day of school.*