

Prerequisite Skills via Khan Academy

Below you will find a list of Pre-Requisites that have been highlighted by the 8th grade teachers as a great review of prior knowledge. Each skill is linked to a Khan Academy mini-course that will go through several videos and give opportunities to practice problems. To get to the courses, please hold down “control” and then click on the title.

Arithmetic Properties:

Order of Operations	Distributive Property
Combining like terms with distribution 2	

Factors and Multiples:

Least Common Multiple	Greatest Common Factor
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Fractions & Decimals:

Fractions on the number line	Multiplying Fractions
Subtracting fractions with unlike denominators	Adding and subtracting fractions with like denominators
Compare Decimals	Rewriting decimals as fractions
Round decimals	Rational Number Operations

Negative Numbers:

Adding and Subtracting negative numbers	Absolute Value
Combining like terms with negative coefficients	Multiplying and dividing negative numbers

Rates, Ratios, & Proportions:

Percent, Decimal, Fraction Conversions	Identifying Proportional Relationships
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Equations & Expressions:

Writing expressions with variables	Equations Introduction
One step addition and subtraction equations	One step multiplying and dividing equations
One Step Equation Word Problems	Two-step equations
Introduction to Inequalities	Dependent and Independent Variables

*For more skills, please feel free to check out the full Pre-Algebra curriculum using the following link. (<https://www.khanacademy.org/math/pre-algebra>)

Before taking your first course, please follow the directions below to join the 8th grade Algebra class.



How to join your teacher's Khan Academy class

- ① Go to khanacademy.org/join
- ② Enter your class code and press "Add".
Class code: **4Y33UJ2G**
- ③ If you don't already have an account, press "Create a new account". Enter your date of birth, then sign up using Google, your school email, or by creating a username.
- ④ Enter your grade and course. Now you're ready to start learning!