

Intro to Algebra I

Instructor: Janna Han

Weekly classes on Mondays, 8:00-9:00 P.M. EST

Course Description

By giving an overview of common topics explored in a typical Algebra I class, this course will give students a head start in the fundamentals of algebra. The course will briefly touch on a variety of topics, beginning with simple equations, expressions, and inequalities, then moving on to more complex topics, such as graphing equations and polynomials. Each class, students will be given a lesson, then practice problems. Some will be reviewed during class, while others will be done for homework. By the end of the course, students should have a basic understanding of how to manipulate symbols.

Curriculum

Unit 1: Solving Equations

Unit 2: Solving Linear Inequalities

Unit 3: Functions & Relations

Unit 4: Linear Equations

Unit 5: Systems of Equations

Unit 6: Polynomials and Factoring

Unit 7: Radicals

Meeting Schedule

11/6 Meeting 1: Unit 1

11/13 Meeting 2: Unit 2

11/20 Meeting 3: Unit 3

11/27 Meeting 4: Unit 4

12/4 Meeting 5: Unit 5

12/11 Meeting 6: Unit 6

12/18 Meeting 7: Unit 7