

Advanced Algebra Summer Work

As we move into the next school year, we prepare for new challenges and experiences. However, it is important that our foundation is sound and on sure footing. Throughout the summer, you will complete a series of modules in MyOpenMath.

Returning Students:

Go to MyOpenMath.com
Login on right of screen
Locate “Courses you’re taking” list
If not listed hit “Enroll in a New Class”
Course ID: **74545**

New to CPS:

Go to MyOpenMath.com
On right menu click “Register as a new Student”
Enter info using Concordia Prep email address
At bottom of form, enter course ID: **74545**

The purpose of this work is to keep you current in your math skills and to make sure you are prepared to complete standard tasks that will come up in your enrolled course for next year. After discussion with students and teachers, the Math Department has created what we believe will be an appropriate level of work to complete throughout the summer.

The work will be organized into 2-3 week chunks in order to account for vacations, down time, jobs, personal responsibilities, and such. It is not my intention for you to struggle through this work, but if you have questions I will be available via email. You are encouraged to use online resources to review topics independently before asking for help. The schedule is as follows:

Assignment 1 – Due June 28, 2020

The Real Number System Part 1: This will include **classifying numbers, properties of numbers, and operations (add, subtract, multiply, divide) with real numbers.**

Assignment 2 – Due July 12, 2020

The Real Number System Part 2: This will include **order of operations with real numbers, greatest common factors (numeric and algebraic expressions), and least common multiples (numeric and algebraic expressions).**

Assignment 3 – Due August 2, 2020

Polynomials: This section will include **operations with exponents, monomial and polynomial expressions, operations with polynomials, factoring polynomials.**

Assignment 4 – Due August 23, 2020

Expressions, Equations, and Functions 2: This section will include **solving linear equations, linear inequalities, absolute value equations, and quadratic equations, identifying domain, range, and roots of functions**

Assignments will be listed on the course page on MyOpenMath.com. We will maintain a Sunday night schedule throughout the summer. Assignments will close at midnight on their due dates and will not be reopened after their due dates. These assignments will be put into a single grade for first quarter next year.

If you have any further questions or concerns, do not hesitate to contact me.

Mrs. Healy

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