

Algebra I-B

Summer 2020 Assignment

Next year, you will be continuing your study of Algebra I, in Algebra 1B with Mr. Shanner. In order to ensure you are prepared and ready to go when the school year starts you will be required to complete the following review work this summer. All of this is work that you have already addressed in Prealgebra and Algebra 1-A; the purpose of the summer work is to have you review these basics, and keep them fresh in your mind so that you are ready to move forward and complete Algebra 1 successfully.

If you have any questions, *please feel free to contact me at* rshanner@devonprep.com. I *know* that math does not come easily for you; I would much rather help you to be successful -- both this summer and during the upcoming school year -- than to have you spend hours and hours and hours struggling with any of these assignments.

All of your summer review work will be assigned from Khan Academy.

Join the Khan Academy Class using this <https://www.khanacademy.org/join/49TZADX7> or log into Khan Academy and join using Class Code 49TZADX7. Be sure your first and last name appear in your Khan Academy account.

In order to be able to see the assigned exercises in Khan Academy, you must email Mr. Shanner after you join the class, so that I can grant you access and record your scores!

Complete the Khan Academy assigned exercises. For each Khan Academy assignment, you will earn full credit with a 75% or better (3 out of 4 for most). If you do not earn a 75% the first time, you may continue to complete exercises until you have done so. You will not be penalized for multiple attempts.

Although the videos, lessons, and exercises immediately preceding each assigned quiz and test are not required, they can be very helpful in the event that you need some assistance achieving a score of 75% or better.

This summer assignment will be considered your first assignment for class. I will check the assignment on the first day of school in August, and we will review a few of the problems. You will be graded as follows:

You will earn up to 100 points for completing the 11 Khan Academy assignments, below, with a minimum of 75% questions answered correctly on each assignment.

Khan Academy Assignments

Pre-Algebra Course

- Arithmetic Properties: Unit Test
- Factors and Multiples: Unit Test
- Fractions: Unit Test
- Decimals: Unit Test
- Negative Numbers and Coordinate Plane: Unit Test
- Exponents, Radicals, and Scientific Notation: Unit Test

Algebra I Course

- Algebra Foundations: Unit Test
- Solving Equations & Inequalities: Unit Test
- Linear Equations & Graphs
 - Quiz 1
 - Quiz 2
 - Unit Test

*ENJOY your summer, do some good work on these summer review assignments,
and let's have a great 2020-2021 school year!*

(Remember Let me know if you have undue difficulty on this summer work. I will be more than happy to help you!)

Note: You will need a **TI-84**, **TI-84+** or **TI-84+ CE** for this class. Any of these graphing calculators will be sufficient for your entire career at Devon Prep! (If you get the "CE" model, you will have the ability to graph multiple equations in different colors so that you can easily compare the graphs; this color feature isn't necessary, but it is pretty *GREAT!*)