

## Honors Algebra 2 Summer Review 2023

**Know Perfect Squares 1 - 25 (Memorize!)** - You should be able to answer these in a random order within 1 minute on the FIRST day of class. Make sure you study these each week throughout the summer. **Students must get ALL 25 correct.** Online flashcards can be found at <https://www.studystack.com/flashcard-1530067> .

$1^2 = 1$	$6^2 = 36$	$11^2 = 121$	$16^2 = 256$	$21^2 = 441$
$2^2 = 4$	$7^2 = 49$	$12^2 = 144$	$17^2 = 289$	$22^2 = 484$
$3^2 = 9$	$8^2 = 64$	$13^2 = 169$	$18^2 = 324$	$23^2 = 529$
$4^2 = 16$	$9^2 = 81$	$14^2 = 196$	$19^2 = 361$	$24^2 = 576$
$5^2 = 25$	$10^2 = 100$	$15^2 = 225$	$20^2 = 400$	$25^2 = 625$

Students enrolled in Honors Algebra 2 should review the following topics before the first day of school. **Assignments will be available from June 1 - July 30, 2023.** ALL parts of the assignment are **DUE** on **Sunday, July 30, 2023 @ 11:59PM**, even if you have the class in the Spring semester. You may use websites, such as [www.khanacademy.org](http://www.khanacademy.org), to help you review. Just remember that the purpose of these lessons is to make sure you **understand** this material since these topics are used extensively in Algebra 2. *Please refrain from using apps/websites that give you the answer as this does not lead to understanding.*

**Topics:** Students will use [www.deltamath.com](http://www.deltamath.com) for the review work.

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|------------------------------------|--|
| I. Solve Linear Equations          | VI. Simplify Radicals/Square Roots           |
| II. Solve Absolute Value Equations | VII. Exponent Rules & Mixed Exponent Review  |
| III. Solve Linear Inequalities     | VIII. Polynomials: Add, Subtract, & Multiply |
| IV. Slope                          | IX. Factoring Polynomials                    |
| V. Linear Graphs                   | X. Factoring cont.                           |

**Delta Math** You can use the link: <https://www.deltamath.com/students?code=F43E-L2GM> **OR**

- Go to [www.deltamath.com](http://www.deltamath.com)
- Under the "Students" tab, click "Register"
- Enter the Course Code: [F43E-L2GM](#)
- Teacher Name: Mrs. Tull Class period: 2023 A2H summer
- You can register with email or with Google.

You should see a list of topics and lessons within each topic. Each lesson has a preset number of points that students earn for a grade of 100%. Students earn a point for each correct answer, but have a point deducted for each incorrect answer. Students have two chances to answer each problem correctly. This is designed so students can keep working to achieve the point goal for each lesson. Students can also view examples.

Please allow an extended time for an email response when school is not in session.

**If a student is unable to complete the work online, the student should email a request for a paper packet to [tulla@mcnairy.org](mailto:tulla@mcnairy.org) NO LATER THAN Friday, May 5, 2023. Requested packets must be picked up in the front office between May 11 - 17, 2023. Paper packets must be turned in no later than 3:00 PM on Tuesday, August 1, 2023 in D14 or the front office to be placed in Mrs. Tull's mailbox.**