

Honors Algebra 2 Summer Assignment

Why are you getting this assignment?

This assignment covers a variety of topics you learned in Algebra 1 and Geometry that we will be building on in Algebra 2. It is expected that you have a strong understanding of these topics so that we can jump right in at the beginning of the school year. While we will not spend class time covering these things, if there are specific topics that are unfamiliar to you we can provide resources to help you work on these outside of class.

What is your assignment?

You have **4 small assignments** using DeltaMath, with each assignment reviewing a different set of concepts. DeltaMath includes examples to look at and help videos available for you if you get stuck. You can continue trying multiple problems until you get the concept down. Below are the directions to create an account (if you don't have one) or add a new teacher to your account (if you already have one).

We encourage you to complete this work toward the end of August, so that the material is fresh in your mind prior to school. Completion of this work will count as two homework assignments.

You should plan to spend a total of 3-4 hours on this assignment.

The link to join the Summer Work Class is:

<https://www.deltamath.com/students?code=Q8RV-5X8J>

If that does not work, there are further instructions below.

This work is due on **August 31, 2026**.

Good luck practicing, have a great summer, and we are looking forward to meeting you when the school year begins!

- Mr. Bookis, Mr. Olsen, and Ms. Reese

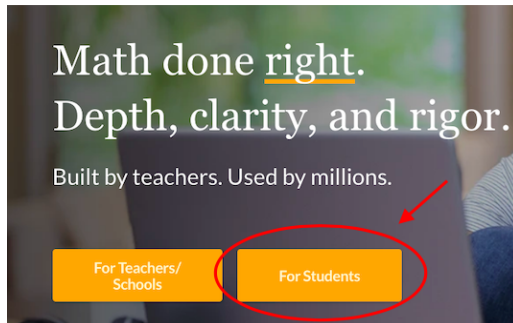
Contents:

- Page 2 - Create a new DeltaMath Account
- Page 2 - Add a class in a current DeltaMath Account
- Page 3 - Summer Work Topics

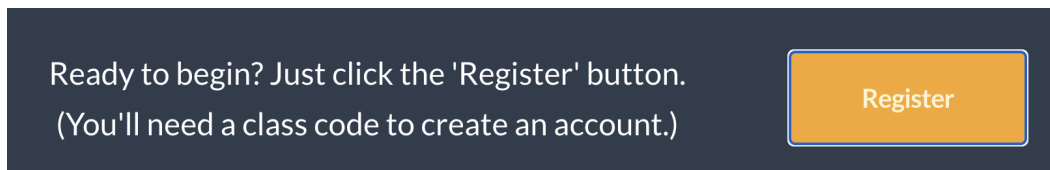
If the link above does not work, you may follow the steps on the following pages.

If you DO NOT ALREADY have a DeltaMath account:

Go to <https://deltamath.com/> and select “For Students”



Then “Register”



Then, type in the Class Code:

Q8RV-5X8J

Choose “Sign up with Google” and use your CC Google account (if you have one).

Once logged in, you should see four assignments listed, each with a title beginning

“Hon Algebra 2 Summer Work”.

If you ALREADY HAVE A DeltaMath account:

Login to your DeltaMath account, and on the left-hand side of the page select:



then type in the Class Code:

Q8RV-5X8J

The assignments should automatically load onto your dashboard.

Summer Assignment Topics:

<table> <tr> <th>Hon Algebra 2 Summer Work - Solving Equations and Inequalities</th><th>0%</th></tr> <tr><td>? Two Step Equations with Fractional Coefficients (L2)</td><td>0/2</td></tr> <tr><td>? Linear Equations w/ Distribution (Lev 3)</td><td>0/2</td></tr> <tr><td>? Linear Equations with Fractions (Level 3)</td><td>0/2</td></tr> <tr><td>? Fractional Linear Equations</td><td>0/2</td></tr> <tr><td>? Fractional Linear Equations (Type 2)</td><td>0/2</td></tr> <tr><td>? Absolute Value Equations (Basic) L2</td><td>0/2</td></tr> <tr><td>? Solving Linear Proportions</td><td>0/2</td></tr> <tr><td>? Linear Inequality and Number Line (L2)</td><td>0/2</td></tr> <tr><td>? Linear Inequalities (Level 2)</td><td>0/2</td></tr> <tr><td>? Compound Inequalities (L1)</td><td>0/3</td></tr> <tr><td>? Number Lines and Inequality Notation</td><td>0/3</td></tr> <tr><td>? Multi-Step Literal Equations (Level 1)</td><td>0/2</td></tr> <tr><td>? Percent Change Word Problems (L1)</td><td>0/3</td></tr> </table>	Hon Algebra 2 Summer Work - Solving Equations and Inequalities	0%	? Two Step Equations with Fractional Coefficients (L2)	0/2	? Linear Equations w/ Distribution (Lev 3)	0/2	? Linear Equations with Fractions (Level 3)	0/2	? Fractional Linear Equations	0/2	? Fractional Linear Equations (Type 2)	0/2	? Absolute Value Equations (Basic) L2	0/2	? Solving Linear Proportions	0/2	? Linear Inequality and Number Line (L2)	0/2	? Linear Inequalities (Level 2)	0/2	? Compound Inequalities (L1)	0/3	? Number Lines and Inequality Notation	0/3	? Multi-Step Literal Equations (Level 1)	0/2	? Percent Change Word Problems (L1)	0/3	<table> <tr> <th>Hon Algebra 2 Summer Work - Equations of Lines, Graphing, and Systems</th><th>0%</th></tr> <tr><td>? Graphing Lines from Equations</td><td>0/3</td></tr> <tr><td>? Writing Equations of Lines</td><td>0/2</td></tr> <tr><td>? Lines from Point/Slope (Diagonal Only)</td><td>0/2</td></tr> <tr><td>? Line Equation from Two Points</td><td>0/2</td></tr> <tr><td>? Lines from Two Points (Point Slope Form)</td><td>0/2</td></tr> <tr><td>? Parallel/Perpendicular Through Point</td><td>0/2</td></tr> <tr><td>? Standard to Slope Intercept Form</td><td>0/2</td></tr> <tr><td>? Select Graph Matching Story</td><td>0/3</td></tr> <tr><td>? Graph Stories (Level 1)</td><td>0/1</td></tr> <tr><td>? Solve Linear System Graphically (Lev. 2)</td><td>0/1</td></tr> <tr><td>? Elimination (Level 3)</td><td>0/2</td></tr> <tr><td>? Substitution (Level 3)</td><td>0/2</td></tr> <tr><td>? Graphing Linear Inequalities</td><td>0/2</td></tr> <tr><td>? Linear Inequality Systems Graphically</td><td>0/2</td></tr> </table>	Hon Algebra 2 Summer Work - Equations of Lines, Graphing, and Systems	0%	? Graphing Lines from Equations	0/3	? Writing Equations of Lines	0/2	? Lines from Point/Slope (Diagonal Only)	0/2	? Line Equation from Two Points	0/2	? Lines from Two Points (Point Slope Form)	0/2	? Parallel/Perpendicular Through Point	0/2	? Standard to Slope Intercept Form	0/2	? Select Graph Matching Story	0/3	? Graph Stories (Level 1)	0/1	? Solve Linear System Graphically (Lev. 2)	0/1	? Elimination (Level 3)	0/2	? Substitution (Level 3)	0/2	? Graphing Linear Inequalities	0/2	? Linear Inequality Systems Graphically	0/2
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