

Honors Algebra 2 Summer Assignment 2024



1. Your Honors Algebra 2 summer assignment will be completed using the website DeltaMath.

- If you already have a DeltaMath account, sign into your existing account. Go to TOOLS then go to MANAGE LOGIN AND CLASSES. Under ADD A NEW CLASS, add the class code **T4L2-2VC7**. This will link you to Mrs. Parsons' class: **Honors Algebra 2 2024-2025**. You'll see the assignment titled **Honors Alg 2 Summer Assignment 2024**.
- If you do not have a DeltaMath account, create a new account at deltamath.com/students. Click "Register" then enter the course code: **T4L2-2VC7**. You can then register your new account with Google or register with your school email. This will link you to Mrs. Parsons class: **Honors Algebra 2 2024-2025**. You'll see the assignment titled **Honors Alg 2 Summer Assignment 2024**.
- If you forgot your password, you can reset it. Try to login in with your email and a random password. After one failed login, a "forgot password" link appears. If you don't get an email, you should check your junk box for the reset link.
- If you have any trouble accessing your assignment, email Mr. Vaccari at avaccari@nwr7.org or Mrs. Parsons at eparsons@nwr7.org. **Don't wait until the night before the first day of school to start the assignment** because that will not be enough time and we won't be able to help you if you have trouble.

Your DELTA MATH summer assignment is a review of some main concepts from Algebra 1 or Eight grade math.

HELPFUL HINTS:

- ❖ **Read ALL DIRECTIONS ON THE DELTA MATH AND IN THIS PACKET**
- ❖ **ROUNDING CORRECTLY COUNTS**
- ❖ **SOME PROBLEMS REQUIRE YOU TO WRITE OUT THE WORK TO SUBMIT – READ BELOW**
- This assignment is due on the first day of school and will count as a 25 point homework grade. It will be graded on both completeness and accuracy. In DeltaMath, each topic will list the number of problems you must get correct. You can use sample problems and watch videos in Delta Math for help. Have your pencil, paper, and calculator handy as you do this assignment. Khan Academy is also a source you can use for extra help. You will have a test on this material the fourth day of school. Three school days are not enough time to re-learn all of that material. It is your responsibility to come to school the first day with only the questions you could not work out on your own.
- There may be a topic that is really skill based so it is timed (you will see a little clock icon). For these problem sets you need to get a certain number of problems correct in a set number of minutes without the use of a calculator. Please note that the % in upper right hand corner keeps track of your percent complete of the ENTIRE ASSIGNMENT.
- Some of the topics do not require written work and some do. For the topics in which you do not need to submit written work, simply do the problems in Deltamath and continue to work until you get the number correct that is required for that problem set. For the topics that do require written work, first write the name of the topic and then number your work for each problem. If you get stuck and need help, click show solution and take notes on how to do the problem. You can also watch a video and/or look at a sample problem for additional help. Continue work until you get the number required correct. We will be able to see how many problems you try and whether you get each one right or wrong. Include the written work for the required problems along with any notes you took to help you figure out the topic.
- On the first day of school, we will collect your written work. We will use this along with your results in DeltaMath to grade your assignment.

- Here is a list of all of the topics for your summer assignment and which ones require written work (Written work). Also note which topics should be done without a calculator (NC). Your summer assignment test will have a non-calculator section.

⊕ Multiply and Divide Fractions (Written work	NC	⊕ Solve Linear System Graphically (Lev. 2)	
⊕ Add and Subtract Fractions (Le	Written work	NC	⊕ Elimination (Level 2)	Written work
⊕ Three Step Linear Equations	Written work	NC	⊕ Substitution (Level 3)	Written work
⊕ Linear Equations w/ Distribution (Lev	Written work		⊕ Write System of Equations from Context	Written work
⊕ Linear Inequality and Number Line (L2)			⊕ Exponent Rules (Variable Only)	NC
⊕ Make Table and Equation Given Linear Situation			⊕ Exponent Rules (Variable and Coefficients)	NC
⊕ Vertical and Horizontal Lines			⊕ Exponential Rules (Level 1)	NC
⊕ Plot Points & Graph Line (Solve for y)			⊕ Multiply Binomials	Written work
⊕ x/y-Intercept ($Ax + By = C$)	Written work		⊕ Simplifying Radicals	NC
⊕ Standard to Slope Intercept Form	Written work		⊕ Determine Number of Solutions in System	Written work
⊕ Multi-Step Literal Equations (Level 1)	Written work			
⊕ Line Equation from Two Points	Written work			

Materials needed for the school year

Algebra 2 Binder Requirement: It is required that you get a large binder (atleast 2 inches thick) with dividers. Put lined paper and graph paper in your binder.

- Section 1 - Openers
- Section 2 - Notes and homework
- Section 3 - Vocabulary and formulas
- Section 4 - Tests and Quizzes
- Section 5 - Calculator notes
- Section 6 - SAT Problems

In addition, you will need a zippered pouch with three holes that will hold your materials in your binder. Include the following tools:

1. At least 6 pencils and erasers
2. **TI-84 calculator**
3. Ruler (cm and inches, could be small)
4. Colored Pencils

We look forward to working with you next year!

Mrs. Parsons eparsons@nwr7.org and Mr. Vaccari avaccari@nwr7.org