

Applied Algebra 1 Summer Assignment 2024

Your Applied Algebra 1 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 V49Y-5ZH2. This will link you to Mrs. Jakobsen's class Summer Assignment Applied Algebra 1 2024. You will be linked to her class regardless of the teacher you have for next year. You'll see the assignment titled **Summer Assignment Applied Algebra 1 2024**.
- If you do not have a DeltaMath account, create a new account at deltamath.com/students. Click "Register" then enter the course code: V49Y-5ZH2. You can then register your new account with Google or register with your school email. This will link you to Mrs. Jakobsen's class Summer Assignment Applied Algebra 1 2024. You will be linked to her class regardless of the teacher you have for next year. You'll see the assignment titled **Summer Assignment Applied Algebra 1 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 folder for the reset link.
- If you have any trouble accessing your assignment, email one of the Applied Algebra 1 teachers (emails at the end of this note). **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 summer assignment is a review of some main concepts from Foundations of Algebra 1 and Math 8.

- 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.
- 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. You will get 20 points for the work in DeltaMath and 5 points for the written work.

Here is a list of all of the topics for your summer assignment and which ones require written work (**Written work**). On your written work, remember to write the name of the topic and then number your work for each problem.

✚ Adding Positive and Negative Integers	
✚ Adding and Subtracting Integers	
✚ Simple Operations	
✚ Order of Operations	Written work
✚ Rounding Numbers (Level 1)	
✚ Simplifying Fractions	
✚ Percent (Deciles)	
✚ Words to Expressions	
✚ One Step Equations (Add/Subtract)	
✚ One Step Equations (Multiplication)	
✚ One Step Equations (Multiplication - L2)	
✚ One Step Equations (Division)	
✚ Linear Equations w/ Distribution	Written work
✚ Two Step Equations	Written work
✚ Two Step Equations with Fractional Coefficient	Written work
✚ Finding Basic Patterns in a Table	
✚ Table to Linear Equation (Level 1)	
✚ Finding the Slope Graphically	
✚ Identifying Points (Level 1)	
✚ Plotting Points	
✚ Create Scatter Plot from Data Table	
✚ Interpret Line of Best Fit	
✚ Draw Line of Best Fit	
✚ Prediction from Line of Best Fit	
✚ Prediction from Line of Best Fit	
✚ Association/Correlation (Scatter Plot)	

Also, please set up your binder for the first day of school.

Applied Algebra 1 Binder Requirement:

It is required that you get a large binder (at least 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

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
2. TI-84 calculator
3. Ruler (cm and inches, could be small)
4. Colored Pencils

We look forward to working with you next year!

The Applied Algebra 1 team - Mrs. Parsons and Mrs. Jakobsen

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