

Applied Geometry Summer Assignment 2024

This assignment is due on the first day of school and will count as four (4) homework checks. It will be graded on both completeness and accuracy. The best time to work through your summer assignment is in the second half of the summer so the material will be more fresh in your mind when you return at the end of August!

1. Join our Google Classroom by clicking on the + sign in the top right corner of your Google Classroom home page and choose "Join Class". Enter the code **npgxkl3**. Links to Delta, as well as an extra copy of this assignment, in case you lose it, are posted in this class.


2. Your Applied Geometry summer assignment will be completed using the website DeltaMath, so you will need to have an active DeltaMath account.

- From our Google Classroom classwork page, go to Resources/Link and click on the SECOND link for DeltaMath. It will take you directly to our Delta Class. **If you have never used DeltaMath**, choose "Create Account" and create a new account by choosing to use your school Google login. **If you already have a DeltaMath account**, choose to login. Either way you should be now part of our Applied Geometry Summer 2024 class, and you will see the assignment titled **Applied Geometry Summer Packet 2024**.
- **If you end up going into DeltaMath directly, you can still join our class from there.** Once in Delta, go to TOOLS then go to MANAGE LOGIN AND TEACHERS. Then add the class code **J5UP-53KU**.
- If you have any trouble accessing your assignment, email me (email at the end of this note). **Do not wait until the night before the first day of school to start the assignment** because that will not be enough time to complete the assignment, and I will not be able to help you if you have trouble.

2. Your summer assignment is a review of some of the important concepts from middle school/Algebra I.

- 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 with each problem type. Have your pencil, paper, and calculator handy as you do this assignment. Khan Academy is also a source you can use for extra help.
- Please note that the % in upper right-hand corner keeps track of your percent complete of ENTIRE ASSIGNMENT.
- A few of the topics do not require written work and most do (any topic with a WW label!). 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**. Make sure you do your written work in pencil (ink will not be accepted!). 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. I 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, I will collect your written work. I will use this along with your results in DeltaMath to grade your assignment.
- **The fourth day (or so...) of school, you will have a test on the summer assignment material.** It should be all review!!! Two/three class days is not enough time to re-teach the information in the packet. It is your responsibility to come to school on the first day with only the questions that you could not work out on your own.

Here is a list of all of the topics for your summer assignment. **Anything with WW next to it means it requires written work for each problem in that topic** that you should hand in on the first day of school.

⊕ Finding the Mean and Median	WW
⊕ Linear Equations w/ Distribution (Lev 1)	WW
⊕ Three Step Linear Equations	WW
⊕ Finding the Slope Graphically	
⊕ Finding the Slope from Points	WW
⊕ Writing Equations of Lines	WW
⊕ Substitution (Level 1)	WW
⊕ Substitution (Level 2)	WW
⊕ Elimination Strategy	
⊕ Elimination (Level 1)	WW
⊕ Write System of Equations from Context	
⊕ Simple Proportions	
⊕ Solving Linear Proportions	WW
⊕ The Distributive Property (Level 1)	WW
⊕  Intro to Box Method (Generic Rectangles)	
⊕ Intro to Box Method (Generic Rectangles)	
⊕ Box Method Level 1 (Guided)	
⊕ Multiply Binomials	WW

For the first day of class:

- 📖 Have your **summer assignment work in order**, stapled, and ready to turn in.
- 📖 Solely for *Geometry*, have a three-ring **binder ready** with 4 dividers, white lined paper and graph paper. A 1½" or 2" binder works well.
- 📖 Bring your **calculator (you cannot use your phone as a calculator!)**. We recommend the TI - 84, TI-84 Plus or TI-83 (these are graphing calculators) or the TI 30-X IIS (a less expensive scientific calculator).
- 📖 Bring a protractor, a compass, a ruler, and your **pencils** (and one pen for corrections). You might consider purchasing a pouch to hold your tools, as well. I will be emailing a reminder letter with detailed info about supplies in August to help you get the materials you need.



Enjoy your summer, and make time for this important work that will get us off to a great start in August. Email me if you have any questions (jgalloway@nwr7.org). I look forward to an awesome, rewarding school year with you!

Mrs. Gallaway

June, 2024