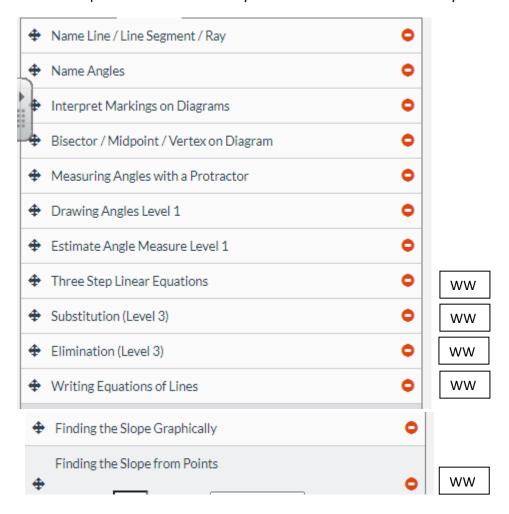
College Geometry Summer Assignment 2021

- 1. Your College Geometry summer assignment will be completed using the website DeltaMath.
 - Create your own account for DeltaMath.com, clicking "Create Account" then typing in the teacher code: 778428. You will make a username (email) and password, type your first and last name and select the class College Geometry from the dropdown menu. You'll see the assignment titled College Geometry Summer Assignment 2021.
 - > You may already have an account. If so, then sign into your old account, go to TOOLS then go to MANAGE LOGIN AND TEACHERS. Then add the teacher code 778428 and select the class College Geometry Summer Assignment 2021.
 - > 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 one of us (email 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.
- 2. Your summer assignment is a review of some main concepts from middle school and Algebra I.
 - > This assignment is due on the first day of school and will count as a 10 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.
 - Please note that the % in upper right hand corner keeps track of your percent complete of 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. 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 or school, I will collect your written work. I will use this along with your results in DeltaMath to grade your assignment.
 - > Along with the delta math problems, you are responsible for knowing the vocabulary words attached to this packet.

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



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Congruent segments	Line Segment	Coplanar	Colinear	Definition	Three Building Blocks of Geometry "undefined terms"	Name
Two segments with the same length/ measurement	Part of a line with two endpoints	Two or more points on the same plane	Two or more points on a line	Statement that clarifies or explains the meaning of a word or phrase	Point, Line, Plane	Definition
10 10 10 E	B	A D O	P Q R		p A	Picture/Example

angle		7 77000 0000	
vertex	The rays that make up the angle	Sides of an angle	12
vertex B ← C →			
A	The point where the rays of the vertex meet	Vertex of an angle	=
A Angle			
C angle ZABC	Two non-colinear rays that share a common endpoint	Angle	10
Ray \overline{AB} or ray \overline{AC}	Part of a line with one endpoint	Ray	νο
Point M bisects \overline{AB}	Something (point, line, segment, ect.) that cuts a figure into two equal parts	Bisects	00
Point M is the midpoint B of \overline{AB}	A point on a segment that is equal distance from both endpoints	Midpoint	7
Picture/Example	Definition	Name	#

An example that disproves the definition you are testing
A ray through the vertex of an angle that splits the angle into two congruent angles
Smallest rotation about the vertex from one ray to another

25	24	23	22	21	20	#
Polygon	Obtuse Angle	Acute Angle	Right angle	Skew Lines	Perpendicular Lines	Name
A closed figure made up of line segments connected endpoint to endpoint which intersect exactly two others	An angle that measures greater than 90°	An angle that measures less than 90°	An angle that measures 90°	Two lines in different planes that never intersect	Two lines that intersect at 90°	Definition
	Obtuse Angle	Angle less than 50°	N	A R B	C	Diagram or Example

36	ω G		33	32	#
Slope Formula	Regular Polygon	Equiangular Polygon	Equilateral polygon	Congruent polygons	Name
Slope = $m = \frac{rise}{run} = \frac{y_2 - y_1}{x_2 - x_1}$	A polygon that is equiangular and equilateral	A polygon where all the angles are the same measure	A polygon where all the sides are the same length	Two polygons with the same size and shape	Definition
				X Day & CANDO	Diagram or Example

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

Geometry 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 – Notes and homework

Section 2 – Vocabulary and formulas

Section 3 – 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. Protractor
- 5. Compass
- 6. Colored Pencils

We look forward to working with you next year!

Mr. McClave and Mrs. Soundararajan

cmcclave@nwr7.org nsoundararajan@nwr7.org