

WEST ESSEX REGIONAL SCHOOL DISTRICT
GEOMETRY CPA
SUMMER ASSIGNMENT 2023

Welcome to Geometry! Geometry CPA is a college preparatory course which emphasizes topics inherent to Euclidean geometry. Knowledge of geometry will be developed with an emphasis on its logical structure and problem solving with consideration of both the inductive and deductive methods of reasoning as applied to formal proofs.

Required Materials: Compass, protractor, ruler, TI-84 calculator, pencils (for all assessments), colored pens/pencils for homework corrections, and a **binder** with folders and loose-leaf paper.

Summer Assignment: Your summer assignment for Geometry CPA is on **Delta Math**, which you will need a computer with Internet access. This is **due the first day of school** and is worth a **10 point homework grade**. Please follow the directions posted below to access it:

- 1) Log in **or** create an account on www.deltamath.com

If you HAVE a login already...

- Sign into your account
- Go to “Tools” and then “Manage Login and Teachers”
- Add the teacher code: **247432** and select “Geometry CPA”

If you DO NOT HAVE a login:

- Click “Create Account” then type in teacher code: **247432**
- Make a username (using your @westex.org email) and password
- Type in your first and last name
- Select “Geometry CPA” from the drop down menu

- 2) Go back to your homepage. You should see the “Geometry CPA Summer Assignment” with various topics.
- 3) Complete the number of required problems for each topic. If you are struggling, please click on “show example” in the top right corner to see an example. If you need more help, please use one of the following websites to search for a topic:
 - PurpleMath: <https://www.purplemath.com/modules/index.htm>
 - Khan Academy: <https://www.khanacademy.org/math/algebra>

Topics List:

- Rounding
- Simplifying Radicals
- Solving Linear Equations
- Solving Linear Equations with Fractions
- Multiplying Binomials
- Factoring
- Solving Quadratics by Factoring
- Solving Quadratics by Taking Square Roots
- Using and Simplifying Ratios

**If you do not have access to a computer with Internet access to use Delta Math, please contact Greg Aschoff at gaschoff@westex.org and he will give you an alternate assignment.*