Name: Due Date:

Tetrahedron

1. **Set Up:** Go to geogebra.org and sign in using your google email and password. Create an account (this will allow you to save your work!). Make sure to uncheck the boxes on the bottom so that you don't receive emails from the website.

    - Next, click on +NEW and choose GeoGebra Math Calculators. This will bring you to the screen you are used to seeing.
    - Now go to the 3D calculator section:

      Calculator Suite

      Graphing Calculator

      Geometry

      3D Calculator
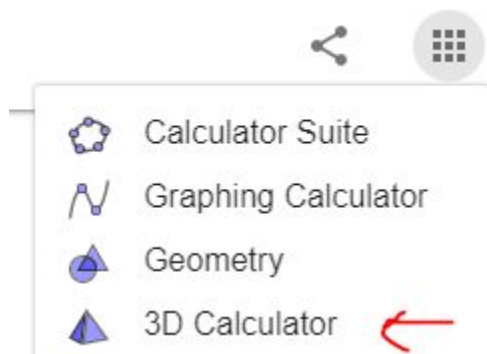
    - Write the coordinates needed to create a tetrahedron with the following coordinates:

      Origin = (0, 0, 0)

      Side = (1, 0, 0)

    - Make sure your points have labels (Origin and Side)

2. *Creating YOUR tetrahedron*: Click on   Tetrahedron   and select the "tetrahedron" tool. Click on the origin, and then click on the Side point. If your object was created, you did it!

3.Sidelengths:

- Create another input named **Width** and press enter
- Replace Side = (**1**,0,0) to Side = (**Width**,0,0) and **press ENTER.**
- The value of the width will correspond with the tetrahedron shown on the graph.

3. Saving your object

A link will be provided and can be sent to Mr. Bangs.

What it's supposed to look like: