

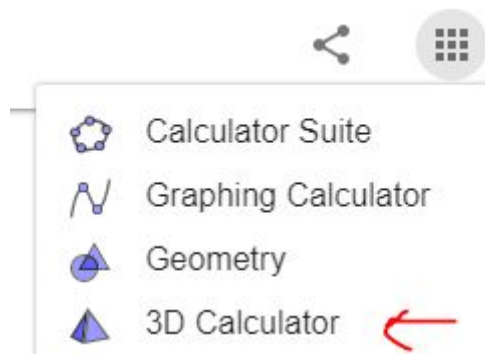
Name:

Date:

## Cube

1. **Set-Up:** Go to [geogebra.org](https://www.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.

- Click on +NEW and choose GeoGebra Math Calculators.
- Select the 3D calculator option:



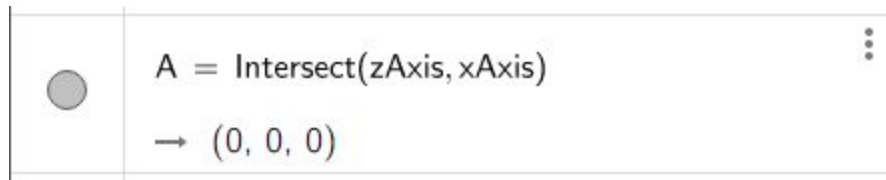
- Create a slider to manipulate the sides of your cube:



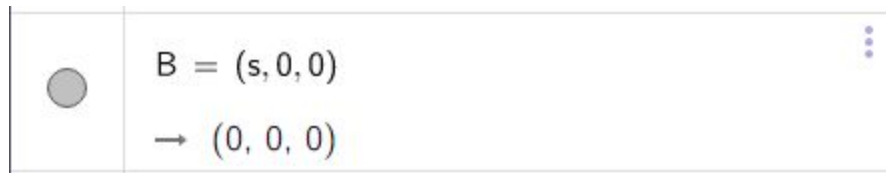
- Click on the "3-dots" at the top right corner and select "Settings"
- Go to the "Slider" tab and set the following to these settings:

Min	0
Max	10
Increment	0.0001

- Create a point at the origin:



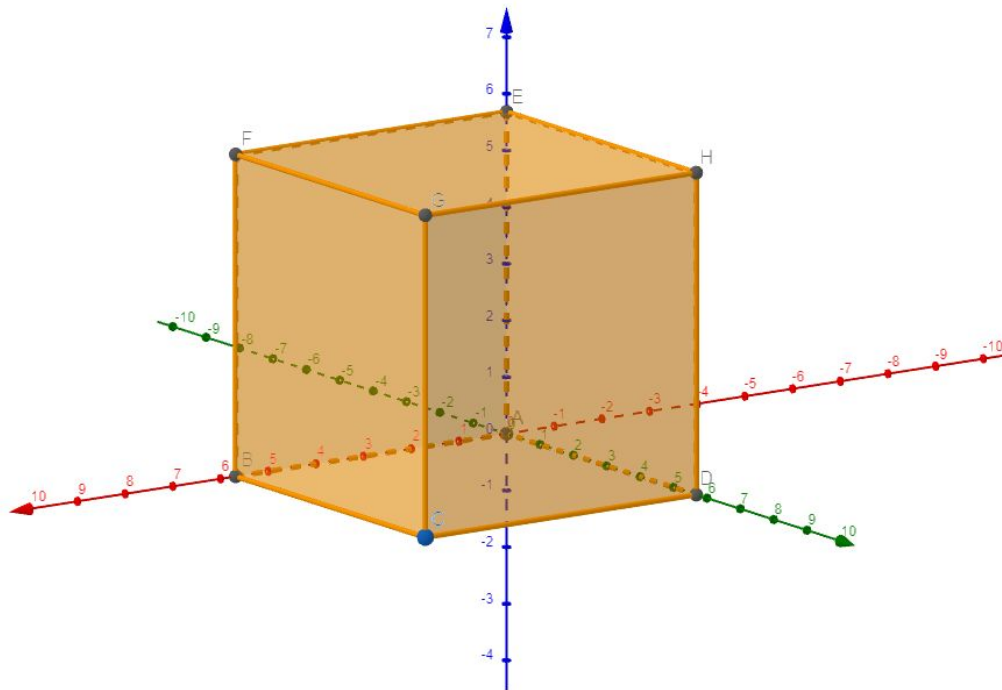
- Create an initial point that corresponds with the side slider:



2. **Creating a Cube:** Make sure the slider is GREATER than 0. Switch from “Algebra” mode to “Tools” mode on the purple top-bar. Select the “Cube”



tool **Cube** and select two points, Point A (the point on the origin) and Point B (the initial point for the slider). Go back to “Algebra” mode and manipulate the slider, this will be the length of all sides of the cube.



3. **Saving your Object:** Select the “3-Lined Menu” icon on the top left corner and make sure to SAVE! Share your object by clicking the “Share” option and copying the link to send it to the recipient.