

Geogebra Project 1

Solve a triangle and show picture and work in Geogebra.

Your work must include the following:

- Names of the one or two students in your group (show names in Geogebra)
- Insert the picture of something tall into Geogebra.
- Show the angle of elevation, the baseline distance and the triangle for which you are about to find the length of one leg.
- Do a bit of research on the topic of parallax and clearly explain why scaling distances off the computer screen might not be an effective way to find the height of the tall object in your photo.
- Show on the screen (as well as saying) the definitions of all six trig functions in terms of adjacent leg, opposite leg, and hypotenuse.
- Show the calculations.
- State the law of sines, and tell when it is true.
- Clearly tell which methods work only on right angle triangles.