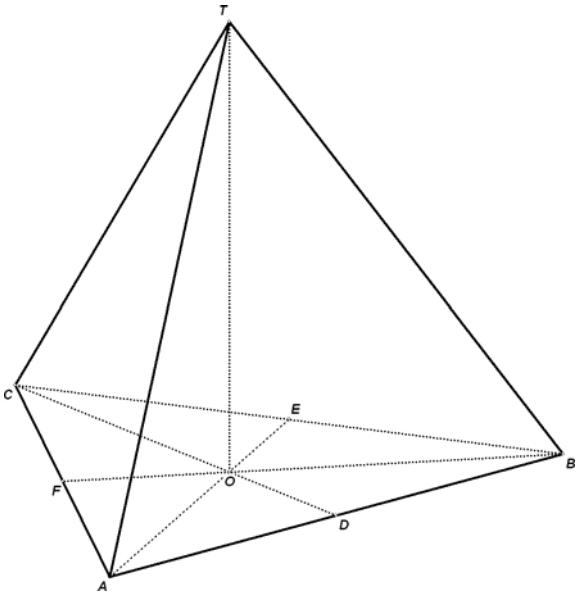
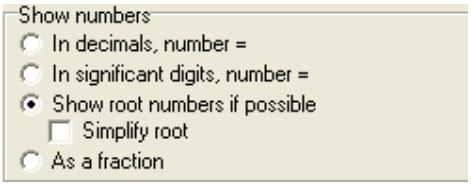
Measurement

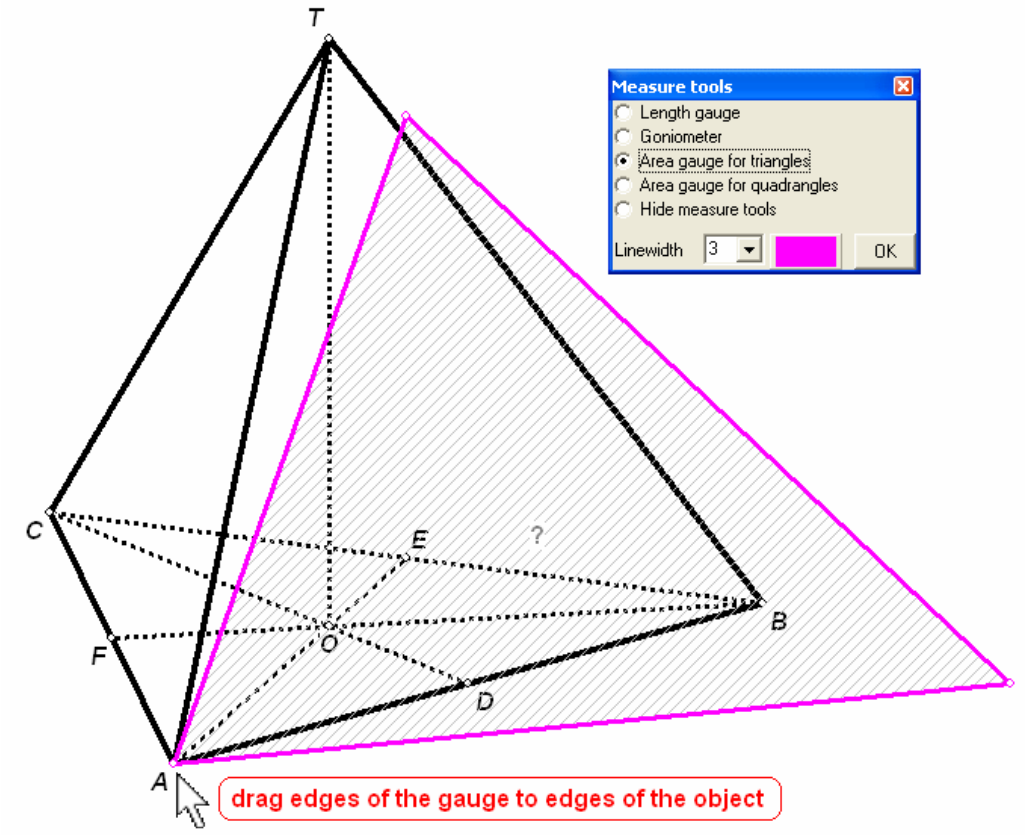


Geocadabra provides measurement tools for length, angle and area. Let's use them.
Start with a tetrahedron, edges 6 units, with height segment (altitude) visible.
In the configuration, set the number presentation to roots, and the angles to degrees.



Ask for the measure tools window:
- View, toolbars, measure tools

Now select one of the gauges.
Drag the edges of the gauge to the desired edges of the object.



After placing all endpoints and vertices of the gauge, the result is determined.

Now answer the following questions:
1. Determine the length of *AO*, *CD*, *TO* and *TF*.
2. Determine the following angles: $\angle AOB$, $\angle TFC$, $\angle TCD$
3. Determine the area of triangles *ABT*, *EOB*, *TCD* and quadrilateral *FADO*.

Experiment with another 3D object. Measure distances, angles and areas.