**Activity 1.4.1 Reflections in Geogebra**

Open Geogebra. In the Graphics view, make sure Coordinate Axes are shown. If not, click on the icon.

Start by creating any polygon. The sample below is an irregular pentagon.



Now create a line somewhere that you will act as the reflection line:



Now click the Reflect About Line icon  and then click your polygon first and then the line and you should get the reflected image



You can also reflect pictures or images that you have saved in Geogebra. First, find a picture you wish to reflect and either save it or copy it. Then, in Geogebra, go to EDIT then Insert Image From and either select file (if you saved it) or clipboard (if you copied it) and move it to where you would like it.

To reflect, follow the same steps as before. Create the line of reflection and then choose the  icon and you get the reflection of your picture. In the example below, the *x*-Axis was used as the reflection line.

