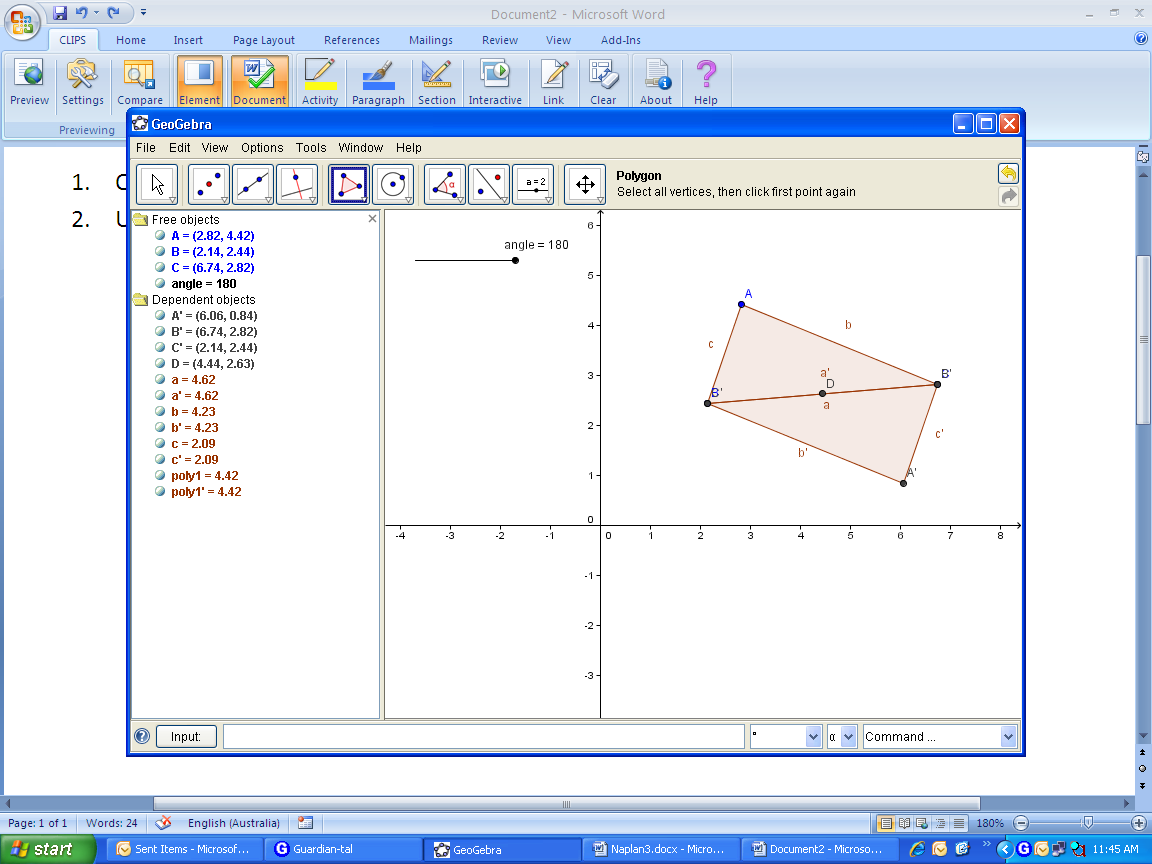
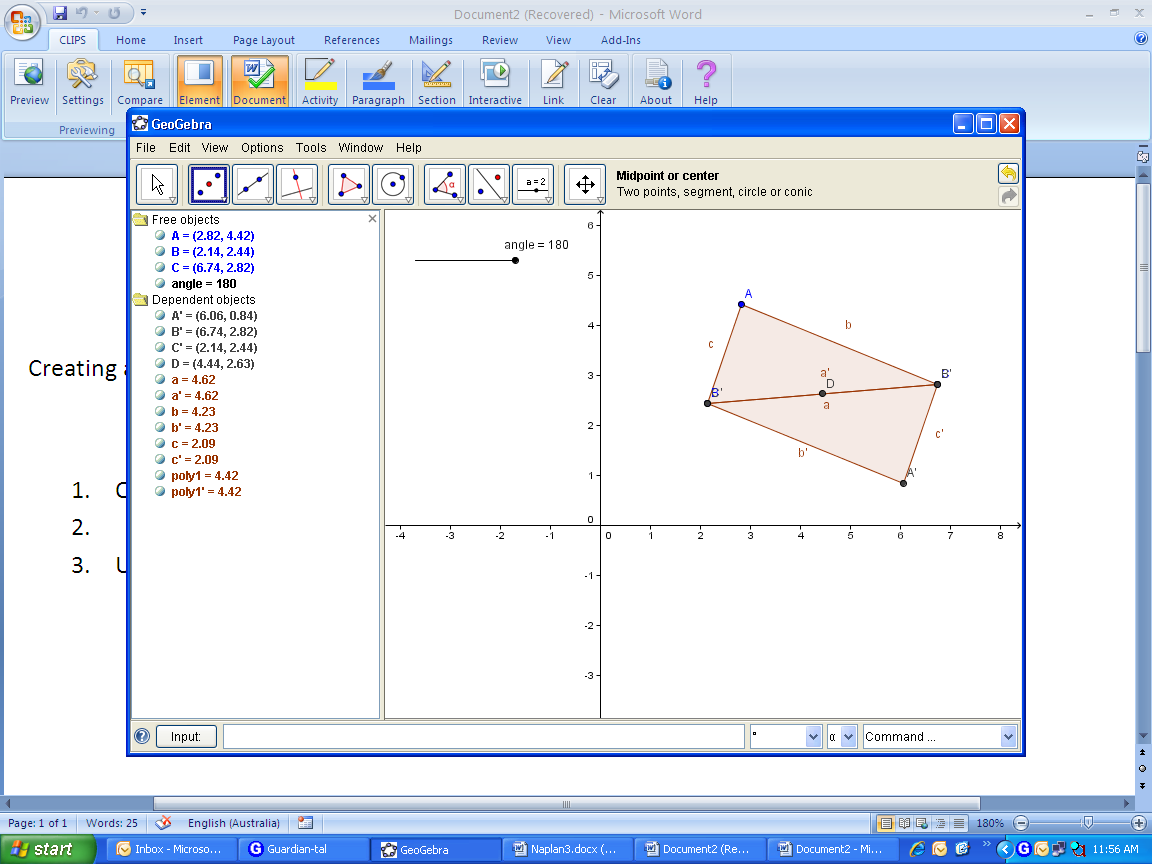
**Creating a parallelogram using two congruent triangles**

1. Use the **View** menu to hide the coordinate axes.
2. From the **Options** menu, set **Labelling** to *“New Points Only”*.
3. Use the **polygon tool** to draw a triangle.



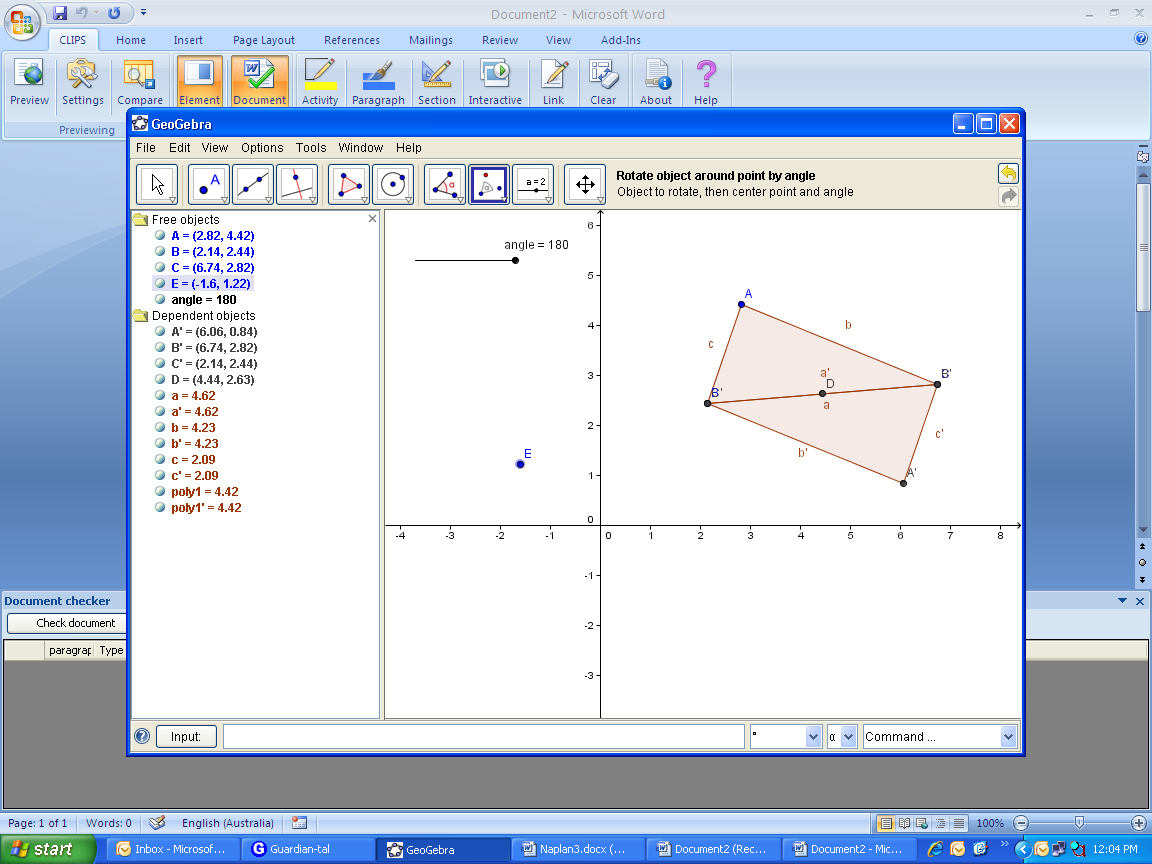
1. Use the **midpoint tool** to mark the midpoint of *one* of sides of your triangle.



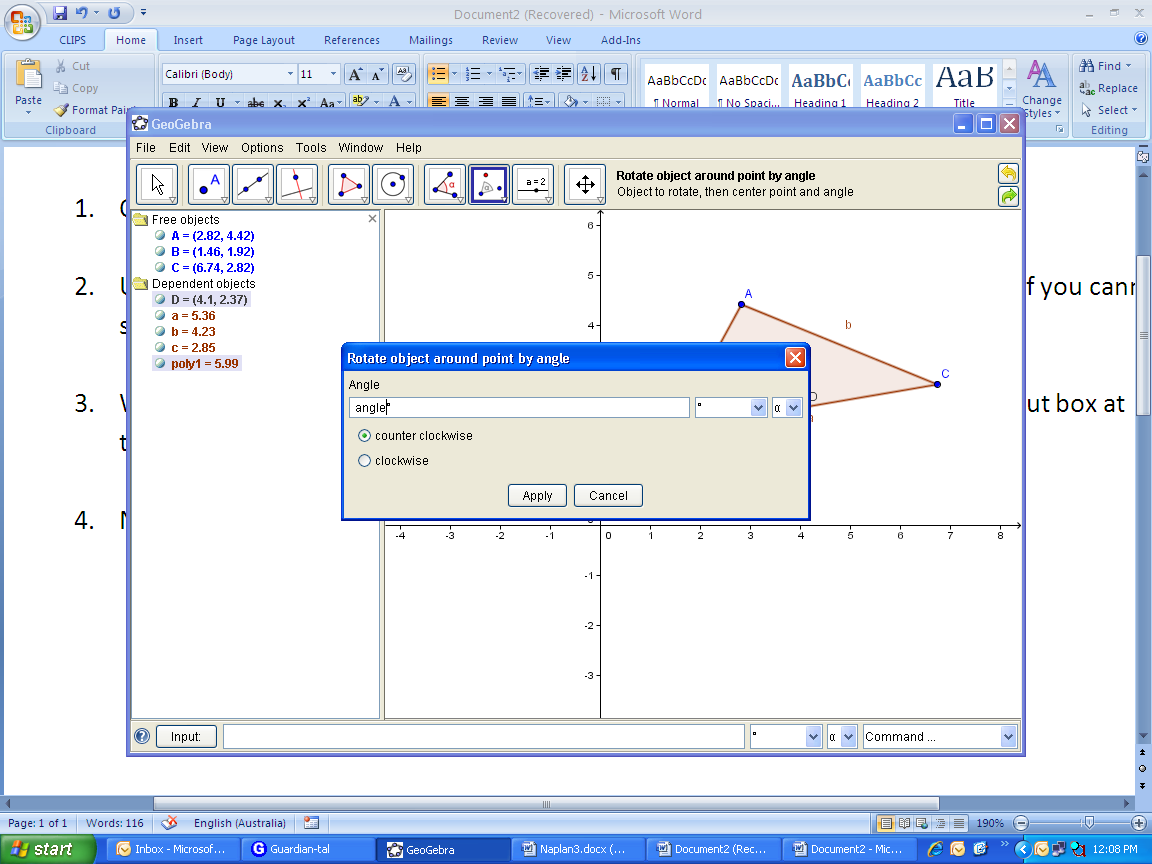
***We are about to rotate this triangle 180 degrees***

5. Type **angle = 180** in the input box at the bottom of the screen. Press enter.

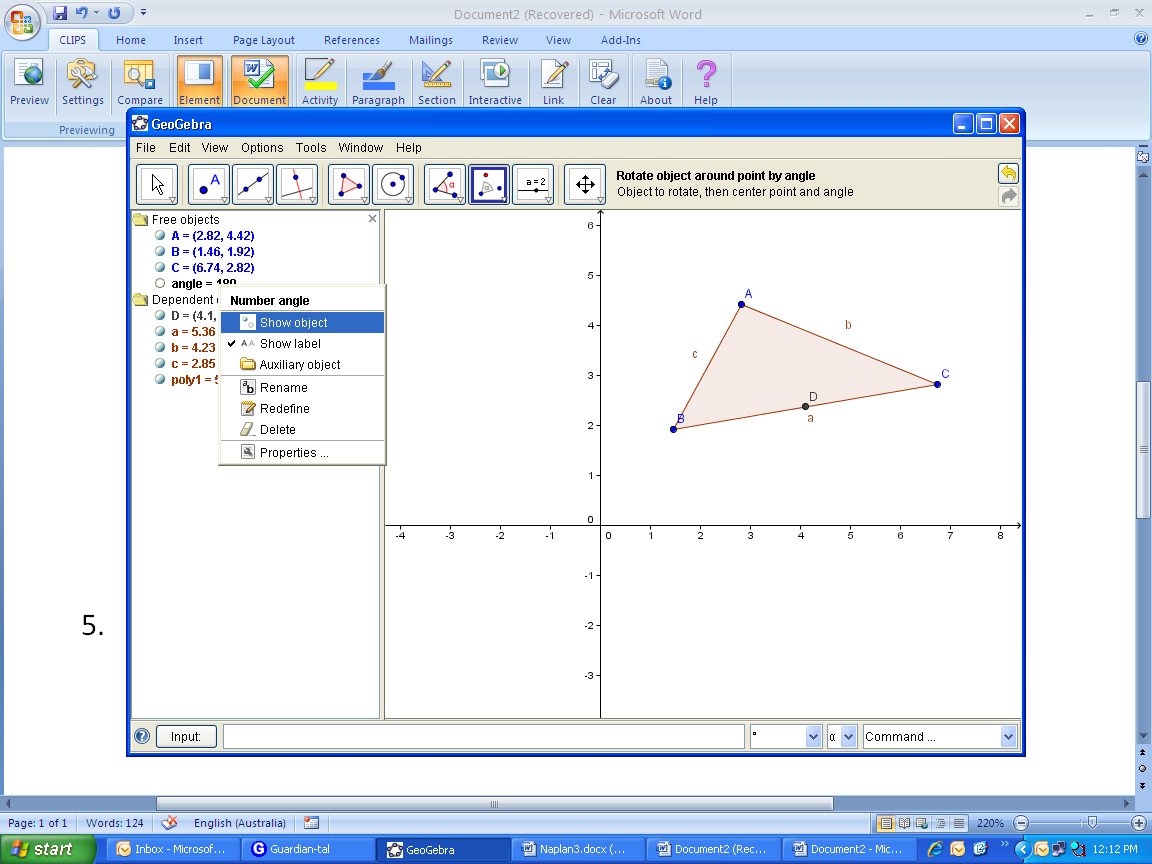
6. Use the **rotation tool** to rotate the triangle by following these steps:



1. Select the tool.

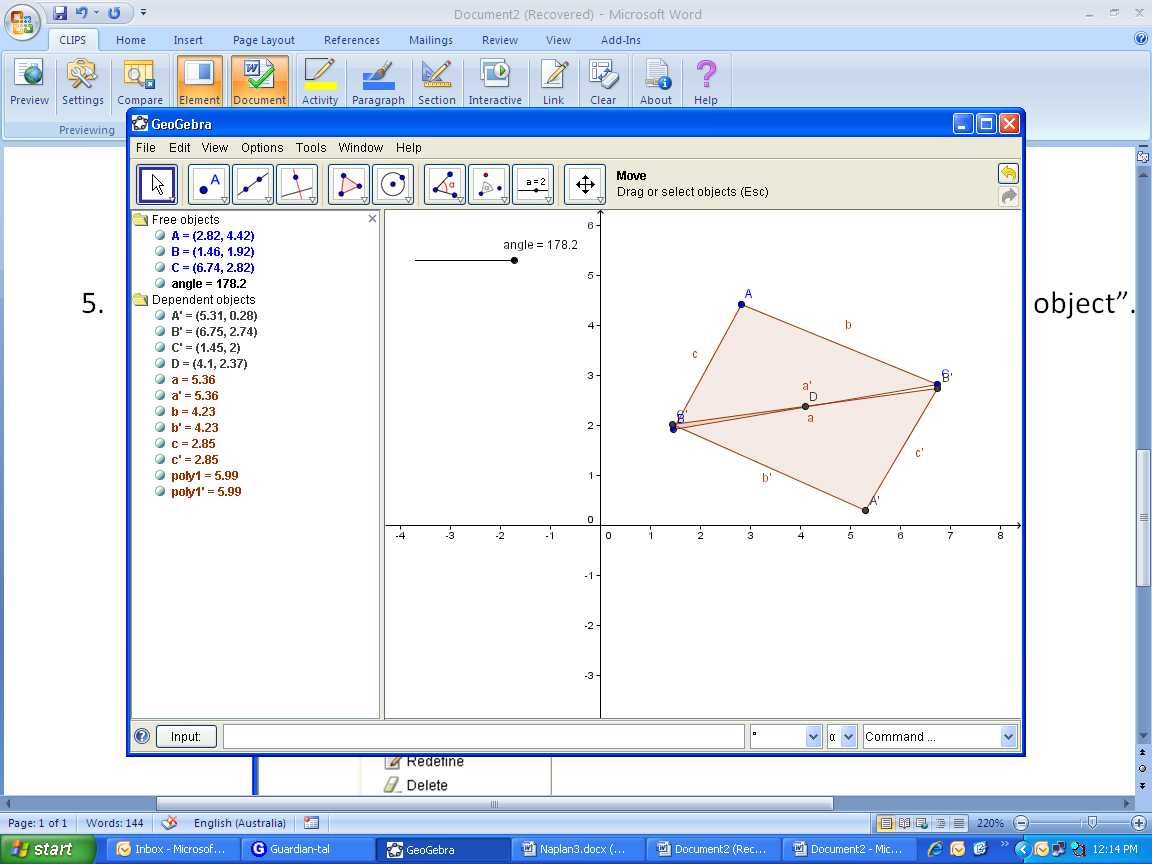


1. Click inside the triangle.
2. Click on the midpoint you marked in Step 4 above.
3. A window will appear.
4. Type **angle** in the input box, followed by the degrees symbol from the drop-down menu.
5. Click OK.



7. Right-click on **angle = 180** in the algebra window and select **Show object**. A slider will appear.

8. Change back to the **move tool**.



***Use the slider to adjust the angle.***