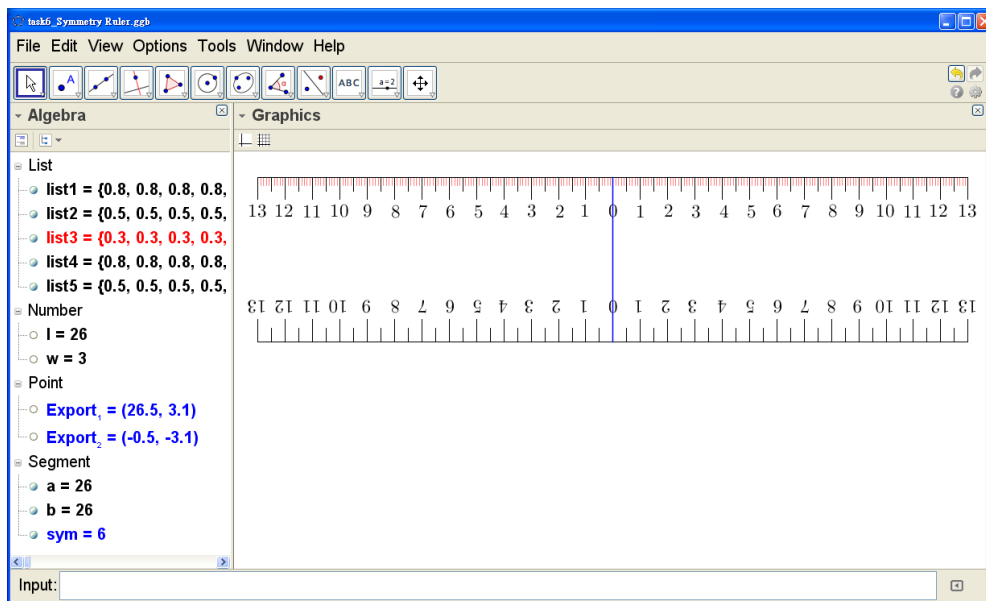GeoGebra Tutorial: **The Symmetry Ruler**

1. Input: **l=26**

2. Input: **w=3**

3. Input: **Sequence[Segment[(i,w-0.8),(i,w)], i, 0, l]**
   Thickness=2, Color=Black, Layer=1

4. Input: **Sequence[Segment[(i,w-0.5),(i,w)], i, 0, l, 0.5]**
   Thickness=2, Color=Black, Layer=1

5. Input: **Sequence[Segment[(i,w-0.3),(i,w)], i, 0, l, 0.1]**
   Thickness=1, Color=Red, Layer=0

6. Input: **Reflect[list1, xAxis]**

7. Input: **Reflect[list2, xAxis]**

8. Input: **a=Segment[(0,w),(l,w)]**
   Thickness=2, Color=Black

9. Input: **b=Segment[(0,-w),(l,-w)]**
   Thickness=2, Color=Black

10. Input: **sym=Segment[(l/2,w),(l/2,-w)]**
    Thickness=3, Color=Blue, Layer=3

11. Input: **"13"**   (Move the text to the right place.)

12. Input: **RotateText["13", 180°]**   (Move the text to the right place.)

13. Create the other similar texts. Move them to the right places carefully.

14. Input: **Export_1=(l+0.5,w+0.1)**   (Hide the point.)

15. Input: **Export_2=(-0.5,-w-0.1)**   (Hide the point.)

16. Hide the grid and axes. Export the Graphics View (1:1) to Clipboard.
    Paste it into Microsoft Word.