GeoGebra Tutorial: The Symmetry Ruler

🖓 task6_Symmetry Ruler.ggb		
File Edit View Options Tools	s Window Help	
	Ĵ, 44, \`, ABC, 1=2 , ⊕,	
- Algebra ⊠	- Graphics	\times
	⊥ III	
⊫ List		
- ● list1 = {0.8, 0.8, 0.8, 0.8,		
- ● list2 = {0.5, 0.5, 0.5, 0.5,	$ \begin{array}{ cccccccccccccccccccccccccccccccccccc$	2 13
- ● list3 = {0.3, 0.3, 0.3, 0.3,		
● list4 = {0.8, 0.8, 0.8, 0.8,		
● list5 = {0.5, 0.5, 0.5, 0.5,		
Number		1.51
l = 26		₫
• w = 3		
∋ Point		
Export, = (26.5, 3.1)		
• Export, = (-0.5, -3.1)		
⊫ Segment		
- @ a = 26		
→ o b = 26		
o sym = 6		
<		
Input:		٩

- 1. Input: **1=26**
- 2. Input: **w=3**
- 3. Input: Sequence[Segment[(i,w-0.8),(i,w)], i, 0, 1] Thickness=2, Color=Black, Layer=1
- 4. Input: Sequence[Segment[(i,w-0.5),(i,w)], i, 0, 1, 0.5] Thickness=2, Color=Black, Layer=1
- 5. Input: Sequence[Segment[(i,w-0.3),(i,w)], i, 0, 1, 0.1] Thickness=1, Color=Red, Layer=0
- 6. Input: Reflect[list1, xAxis]
- 7. Input: Reflect[list2, xAxis]
- Input: a=Segment[(0,w),(1,w)] Thickness=2, Color=Black
- 9. Input: **b=Segment[(0,-w),(1,-w)]** Thickness=2, Color=Black
- Input: sym=Segment[(1/2,w), (1/2,-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= (1+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.