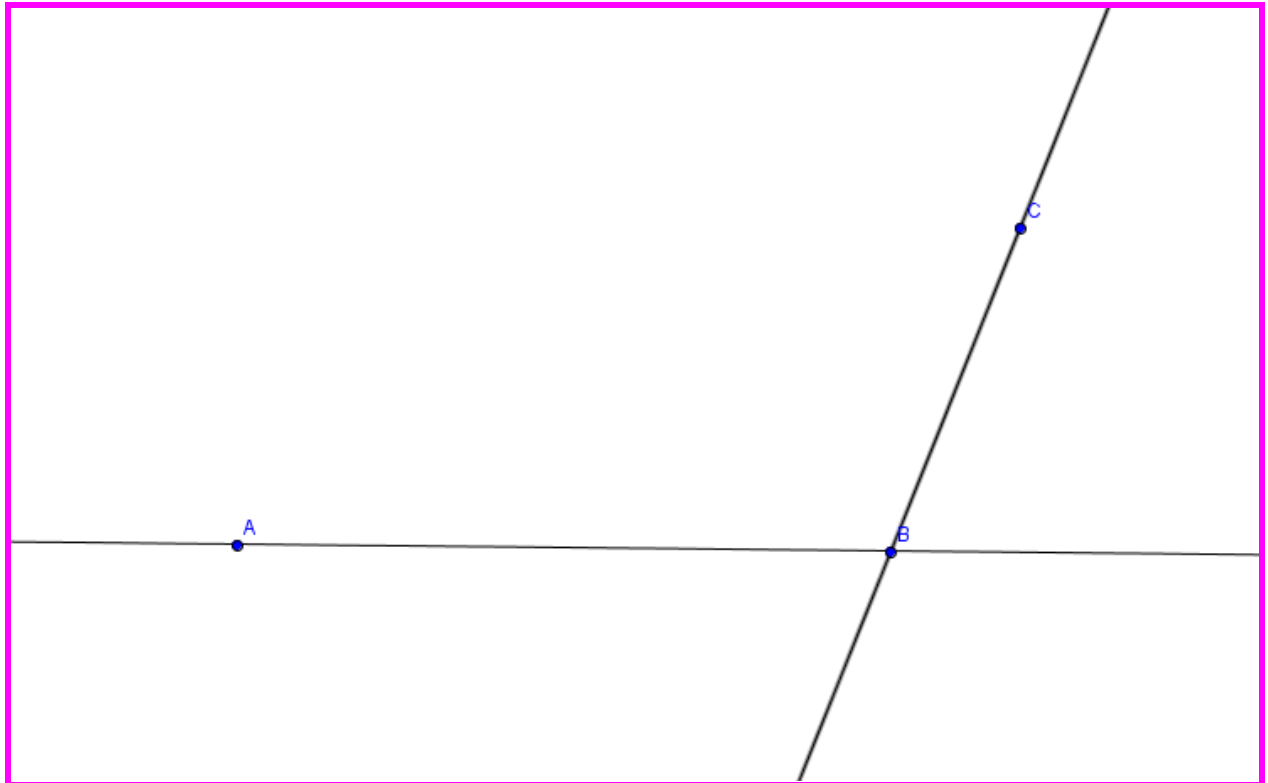
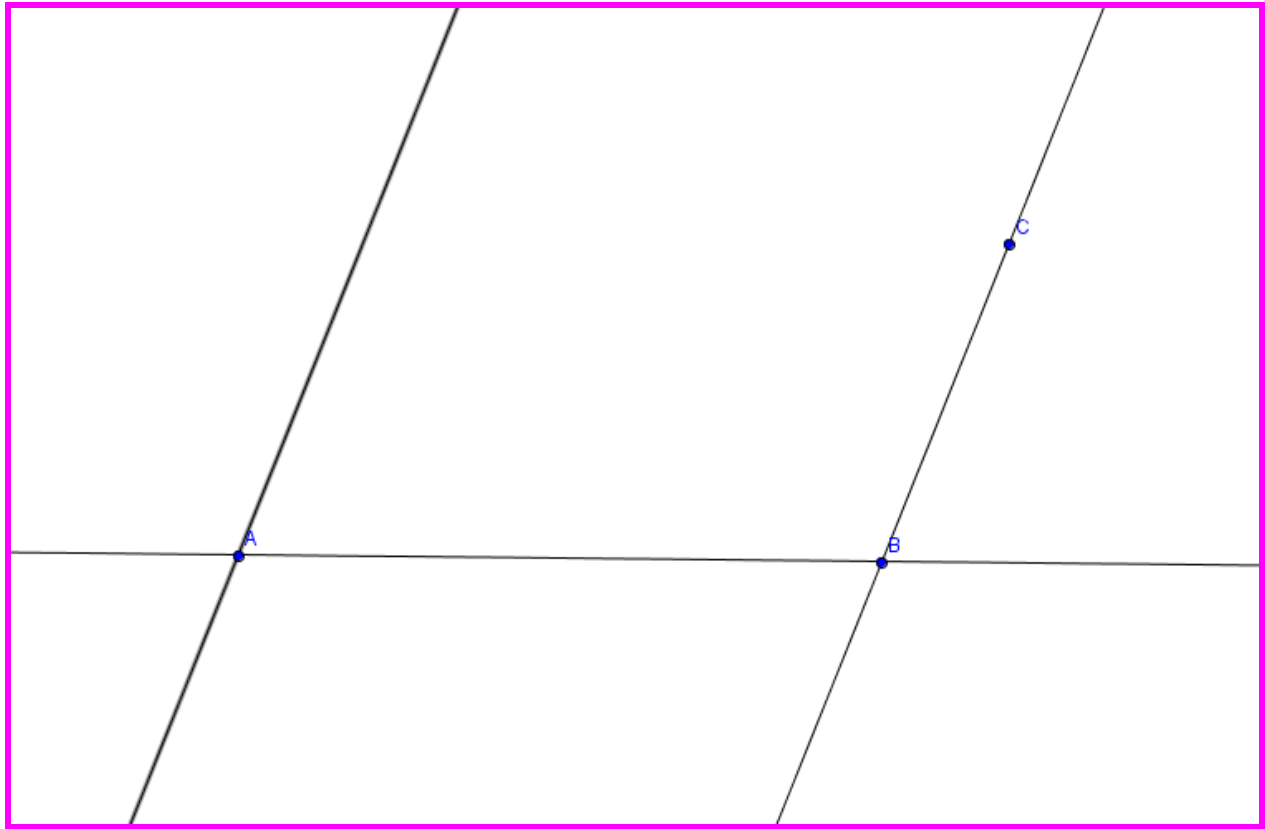


# Geogebra Day 2: Drawing a Parallelogram

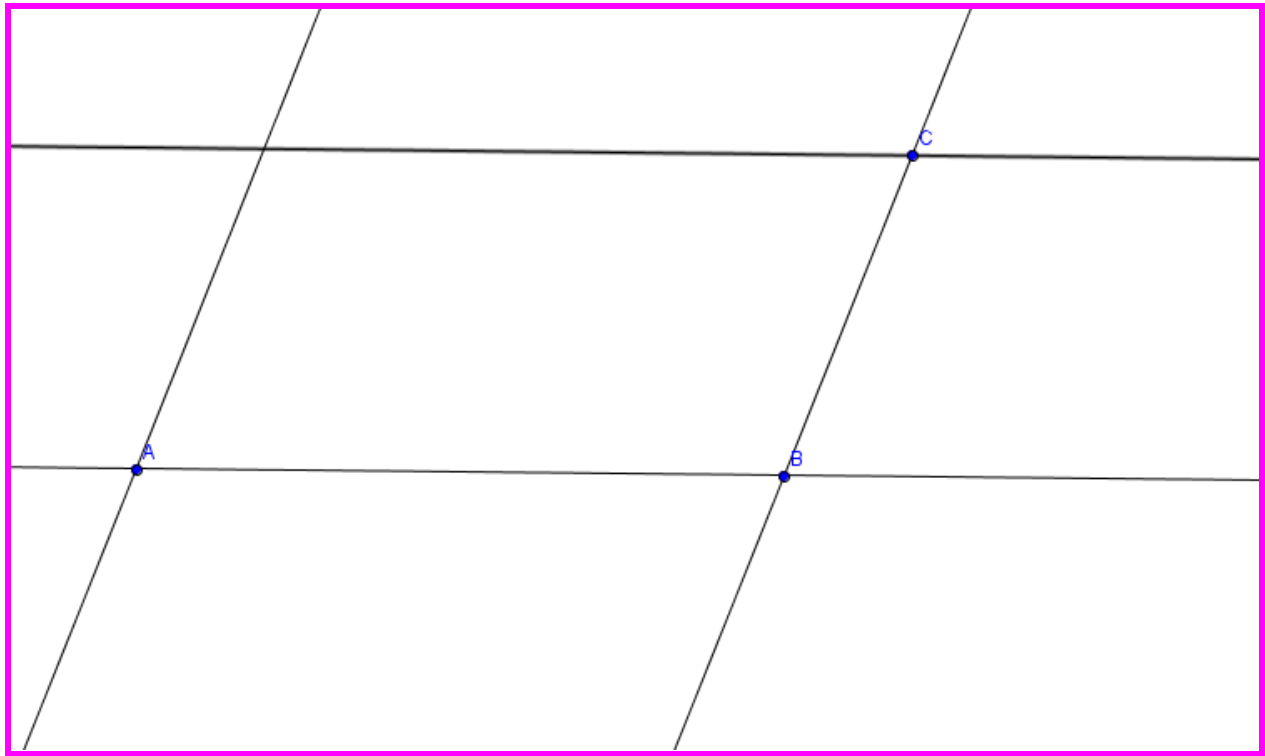
1. Using the “**Line**” command, make 2 lines that intersect at a point



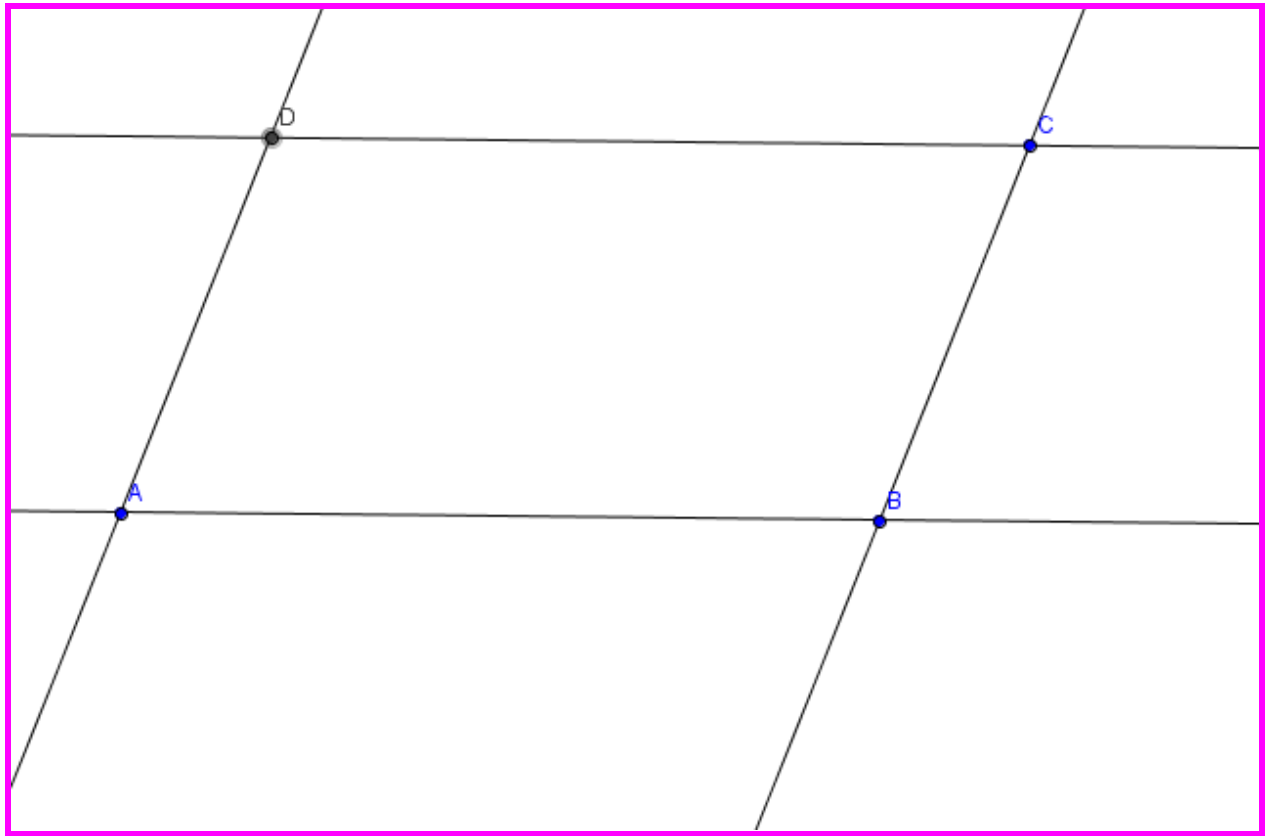
2. Using the “**Parallel Line**” command, make a line parallel to BC that goes through point A.



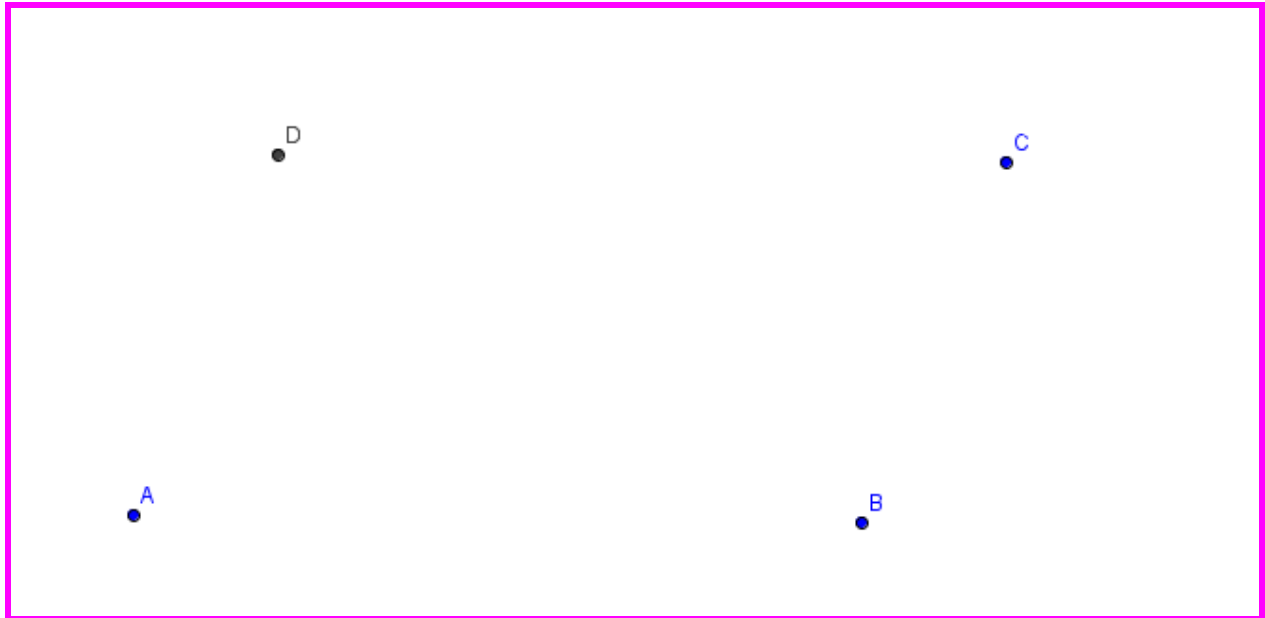
3. Using the “**Parallel Line**” command, make a line parallel to AB that goes through point C.



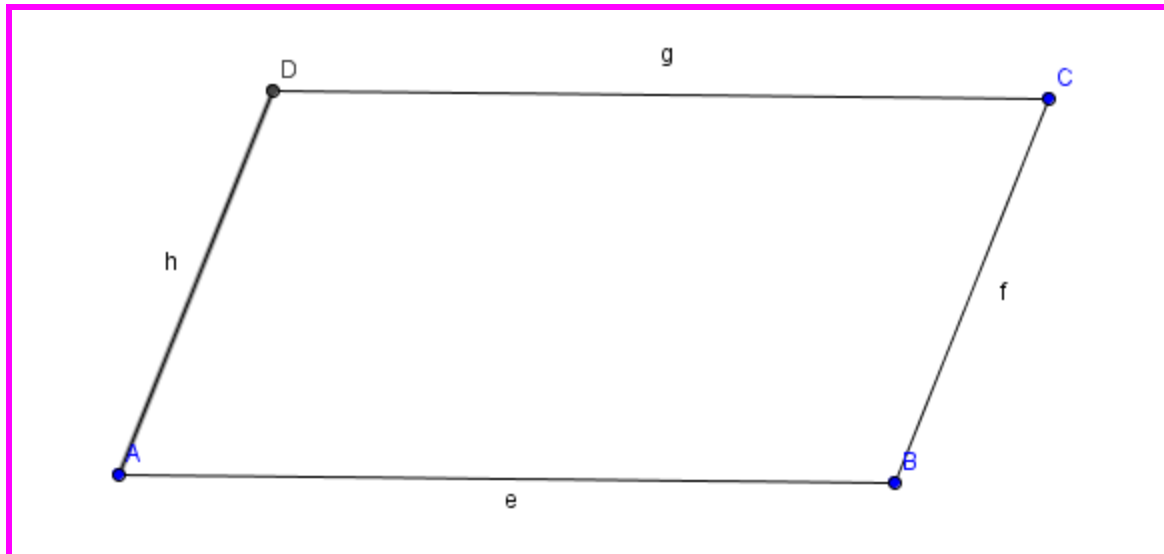
4. Using the “**Point**” command, make a point D where your two new lines intersect.



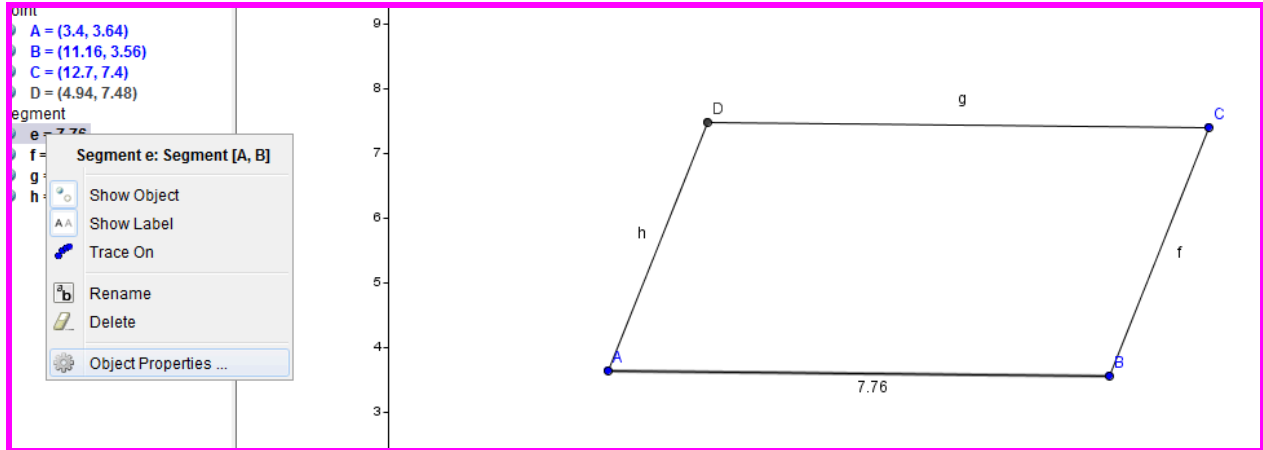
5. In the **Algebra** panel, right click on the lines, and hide them by clicking “**Show Object**”



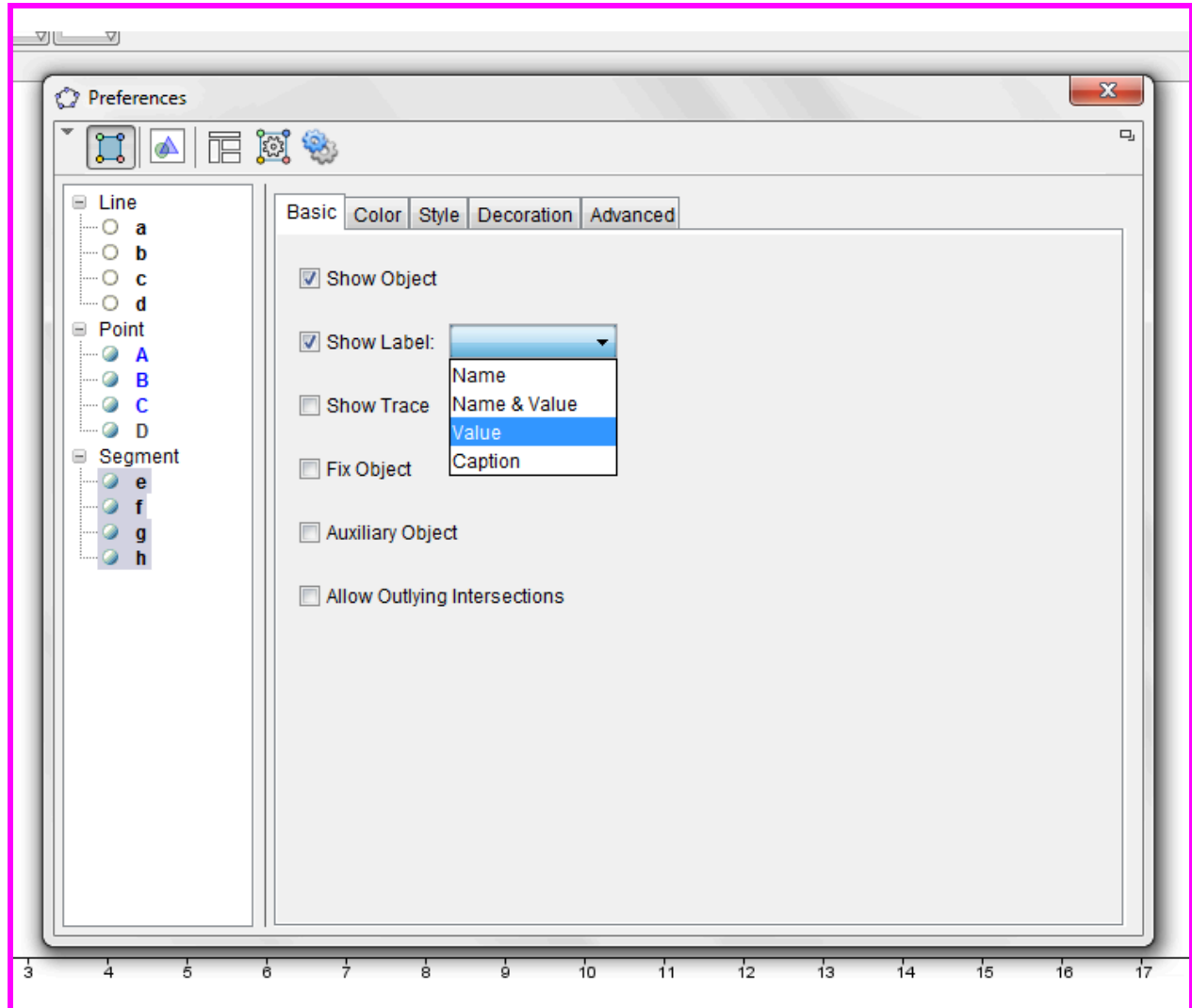
6. Using the “**Line Segment**” command, connect your points.



7. In the **Algebra** panel, edit the properties of each line segment by right clicking then clicking “**Object Properties**”

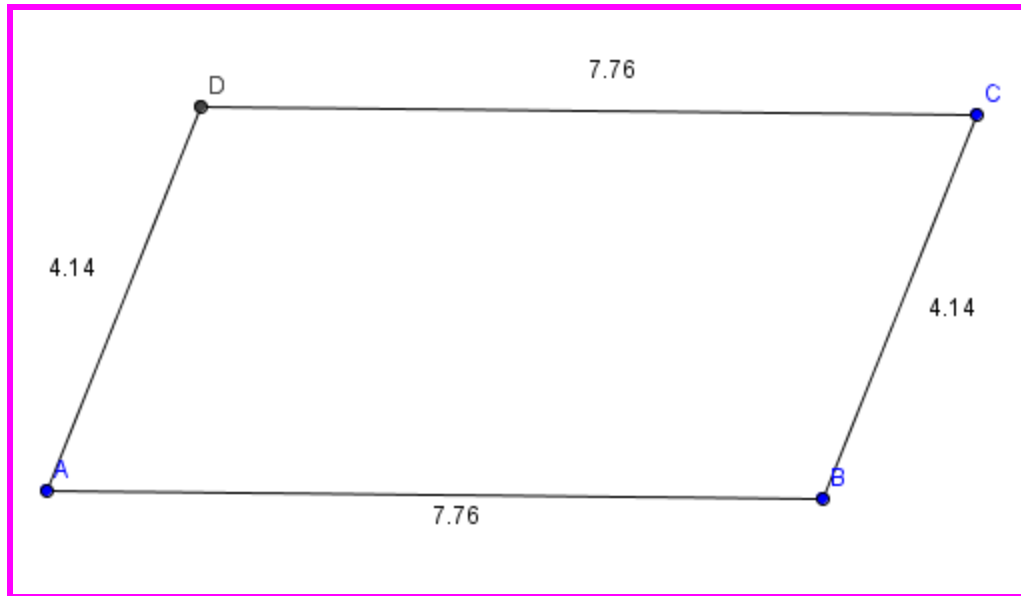


8. In the **Preferences** window, change the **Show Label** menu to “**Value**”





9. Check your lines out. Are the parallel line segments congruent? If not, you done goofed.



10. Using the “**Angle**” command, make angles on your vertices. (Select your points clockwise)

====> And you’re done! If you are successful, opposite sides and opposite angles will be congruent. That is a property of parallelograms.

