

1. Go to <https://www.geogebra.org/>

2. Click on "Geometry"

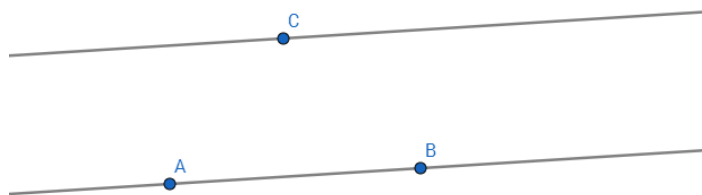
3. Use the line tool  to draw a line.

4. Use the parallel line tool to draw a parallel line.  
(You have to click once on the line, and once off the line to create it)

Construct



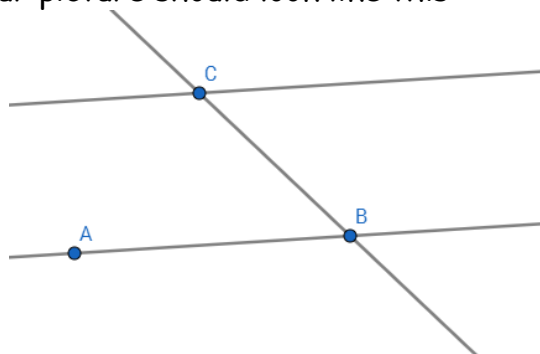
5. Your picture should look like this:



6. If the labels (A, B, C) are not showing up, right click on the point (alt-click with chromebook), select "settings", and check the box that says "show label"

7. Go back to the line tool, and construct a transversal.  
(a line through C and B or C and A in the picture above)

8. Your picture should look like this:



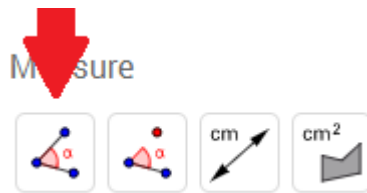
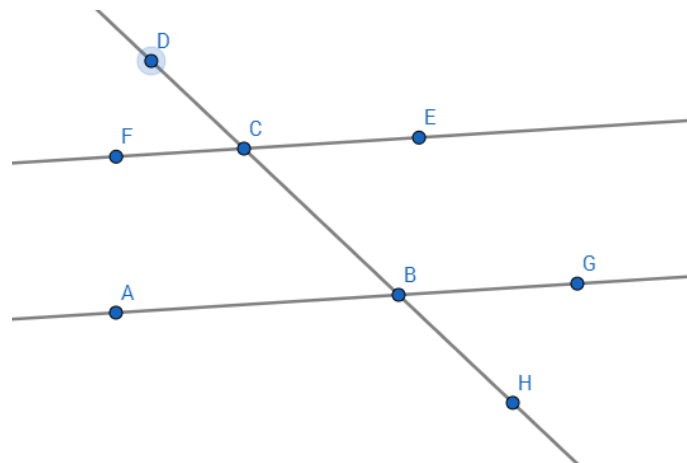
9. To measure the angles, we need points on the lines so we can name them.

Basic Tools

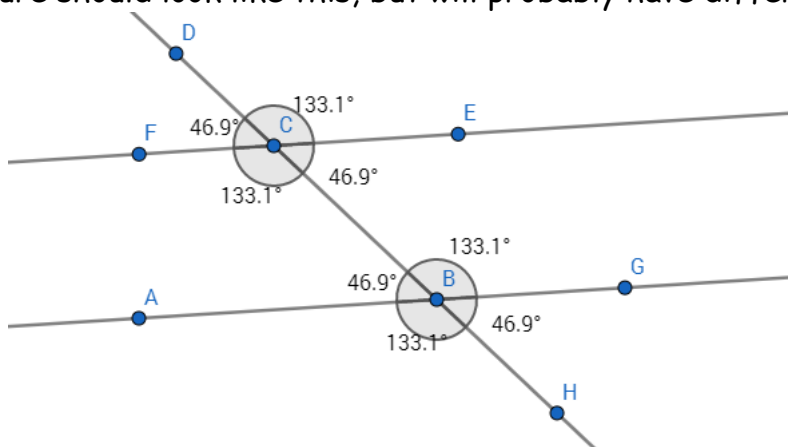


Select the point tool.

10. Click on the lines to add points to label the angles. Your picture will need to look like this, but the names of the points do not have to match:



11. Use the angle measure tool to measure all 8 angles.
12. Your picture should look like this, but will probably have different angle measures:



13. Finally, right click on the angles, select settings, and change the colors, so that all the angles with the same measure have the same color.

