

Arc Length Blog Post

1. Open a new geogebra document from your google drive
2. Construct a Circle
3. Add a slider for an Angle, click apply
4. Add a point on the circle
5. Construct an angle of a given size through the point in step 4 and the center of the circle. For the size, delete what is given and select the same greek letter as your slider
6. Connect the sides of the angles with segments
8. Measure the radius using the distance or length function
9. Measure the arc length using the circular arc function. Click the center and then the two endpoints of your arc, working counterclockwise.
10. Display the arc length by right clicking on the object in the algebra section, clicking object properties and changing the drop down menu for "show label" to name and value.
11. Add text (abc) that labels your geogebra with your name like this:
Mrs. G's Arc Length Demo
12. Make it colorful
13. Blog
 - creative title
 - 1 - 2 sentence intro on your blog on how you constructed the figure
 - Embed the geogebra applet
 - Give 3 sample scenarios (ex: If the radius is ____ and the measure of the arc is ____ then the arc length is ____)
 - State the formula for arc length --- use equation editor like Daum or the one in google docs