

You signed up for BC Calculus and there were 2 topics that we did not cover in class, but would be very helpful for you to have some knowledge of the topics before starting BC Calculus. We did spend one day talking about infinite geometric series, but some of you were not in class, and it was a warm day, some of you were not really into learning anything new, so I have attached links to lessons on the topics and some practice problems. It would be to your advantage to look these over before the next school year.

Notes on polar coordinates for BC Calculus:

<http://tutorial.math.lamar.edu/Classes/CalcII/PolarCoordinates.aspx>

The next link is a worksheet with worked out solutions that you may want to look over, mostly the first 4 pages.

<https://www.humbleisd.net/cms/lib/TX01001414/Centricity/Domain/3225/Polar%20Worksheets%20Solutions.pdf>

The following is a link to Khan Academy that has a few lessons and worksheets to complete.

<https://www.khanacademy.org/math/algebra-home/alg-series-and-induction/alg-infinite-geometric-series/v/deriving-geometric-series-sum-formula>