

# MA16010 Trig, Exponential and Logarithm Review Material

Trigonometric, exponential and logarithmic functions are integrated in the calculus contents throughout the course. If you feel rusty on these topics, please start brushing up as soon as possible. Here are some good websites for your reference for the review. If you cannot click open the url, please copy and paste it in your search engine.

## Trig Review:

- <https://courses.lumenlearning.com/precaltwo/chapter/the-other-trigonometric-functions/>  
Review everything on this website.
- <http://tutorial.math.lamar.edu/Extras/AlgebraTrigReview/TrigIntro.aspx>  
Review the following items on this website.
  1. Trig Function Evaluation
  2. Graphs of Trig Functions (only need to review  $\sin x$  and  $\cos x$ )
  3. Trig Formulas (only need to review the first formula)
  4. Solving Trig Equations

## Exponential and Logarithmic Functions Review:

- <http://tutorial.math.lamar.edu/Extras/AlgebraTrigReview/ExpLogIntro.aspx>  
Review everything on this website, namely:
  1. Basic Exponential Functions
  2. Basic Logarithm Functions
  3. Logarithm Properties
  4. Simplifying Logarithms
  5. Solving Exponential Equations
  6. Solving Logarithm Equations
- <https://mste.illinois.edu/malcz/ExpFit/REVIEW.html>  
Review the contents before "Exercises" on this website.