

Math 1513 - College Algebra

Written Assignment 7 - Due 2020.03.01

Directions: Please answer the following question in complete sentences and show ALL work. Be sure to label all geometric objects in any illustrations. I will accept an answer in a scanned image format, as a pdf, or sent from your awesome picture phone. Do **NOT** submit work in Microsoft Word document format. Be sure to submit your work through BlackBoard.

Problem: Use the power property of logarithms to compare the numbers 800^{805} and 805^{800} . Which is larger? Similarly, of the two numbers $\frac{1}{990^{1010}}$ and $\frac{1}{1010^{990}}$, which is smaller?