MA 109: October 26

Exponential Functions: The Number e

Start of Class

Instructor Information

Name:

Email:

Office Hours:

Warm-up Questions

Notes

Example: Suppose $f(x) = 3e^x$. What is the growth/decay rate of $f(x)$?

Example: Determine the end behavior of the exponential function $f(x) = 2e^x$.

Example: Determine the end behavior of the exponential function $f(x) = 7\left(\frac{1}{e}\right)^{x+5} - 3$

End of Class

Write a summary of what you learned today:

What questions do you have about the material from today?

What do you need to do between now and the next class meeting?