

Name _____

Exam ID: _____

MAT16B Written Assignment
Due Friday, 10/12

Read, Reflect, and React (or Respond) Prompt #2

Many mathematicians want to study and analyze the world around us. One way to do this is to quantify a phenomenon, using numbers and equations, and notice patterns about it. Towards this goal, exponential growth/decay equations were created and have been the study of mathematicians for centuries. These equations are used to describe things like population growth, spread of diseases, or carbon dating. Today, I presented an exponential growth example on a facebook party evite going viral. I would like you to think of your own example, and:

1. Provide a exponential growth/decay equation that is connected to your life. Discuss how/why it is connected to your life. Make sure to include units to your equation.