

Name _____

MAT21AB Honors Written Assignment
Due Tuesday, 10/15

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 notice patterns about it. Towards this goal, time-based functions were created and have been the study of mathematicians for centuries. These functions are used to describe things like the Dow Jones Industrial Average or the distance of our planet relative to the sun. Today, I presented a time-based example using the surrounding temperature of my rack of ribs. I would like you to think of your own example, and:

1. Provide a graph of a time-based function and a description of what this graph represents, along with how it is connected to your life. Also, discuss the continuity of this function and note ALL points of discontinuity.