

Name _____

Exam ID: _____

MAT21D Written Assignment
Due Wednesday, 2/15

Read, Reflect, and React (or Respond) Prompt #5

A couple of years ago, me and my good friend Jeremy, who knows very little math, were drinking at my house shooting the breeze. He noticed one of my math books on the table that had the word 'vectors' in the title. He then asked me "What are vectors?". I ended up given him an explanation of vectors until I believed he understood the idea. Even though he doesn't remember the conversation, it was a good exercise for me to collect my thoughts and verbalize the concept of a vector. I would like you to have a similar experience (without the drinking) by responding to the following:

1. Explain what a coordinate system is. You are encouraged to use examples in your explanation.
2. Explain what a vector is. Make sure to include the distinction b/w coordinates and vectors. Again, you are encouraged to use examples in your explanation.