Please answer two or more of the following questions. Write legibly, use full sentences, and large enough so that my poor eyes can read what you wrote. You may discuss these questions with one another, and look at the readings. Reference the readings. Ad Astra Per Aspera!

1. What observational evidence does Newton give against the theory of Cartesian vortices? A picture might help.

2. What do you think Newton means when he describes God as *not Eternity and Infinity, but Eternal and Infinite; he is not Duration and Space, but he endures and is present*?

3. What is Newton discussing when he says *I frame no hypotheses*, and what does he mean by that?

4. Discuss the statement *Bodies only act by means of Impenetrability; whence proceed the laws of motion.*

5. Discuss *essential* versus *general* properties of matter, and give examples.