Adam Maher

Bailey Popp

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Phase 1

**Question 1:**

The major advantage to having the gravity constant placed into a struct which is then passed into multiple functions, is that if the gravity constant needed to be changed it would only have to be changed in one place. For instance, if we were going to run these scripts and functions as if rover were on earth, we would only have to change the 3.72 to a 9.81 in the structure. The new value would immediately replace the old value when the field is called within a script or function. This is the most convenient way to define and use the gravitational constant within the codes used for the rover, so we would not have done that any differently.