

Name _____ Date _____ Per _____

Gravity: Depends on Where You Are Lab

1. Number all locations on your data table from the place with the greatest gravity to that with the least gravity.
2. Fill in the Claim, Evidence, Reasoning Table below for the following question -

How does the mass of a planet, or moon, effect the gravitational pull of that location?

Claim - The greater the mass of planet/moon the _____ the gravitational pull.
Evidence - (From your weights and jumps) 1. 2.
Reasoning - 1. Since my weight on _____ showed _____, that means that location had a _____ gravitational pull. The location's gravitational strength is due to _____. 2. _____ _____ _____ _____ _____

3. What is the **effect distance has on the gravitational pull** on an object?

The greater distance between two locations the _____ the gravitational pull. The less distance between two locations the _____ gravitational pull.