

4. Pick a variable to manipulate (the independent variable). Summarize what you changed and what happened in the table below:

Manipulated (Independent) Variable	Dependent Variable

5. Change a different variable and summarize what happens in the table below:

Manipulated (Independent) Variable	Dependent Variable

True or False

1. Gravity is a force that can be changed. T/F
2. The bigger an object is, the smaller the force of gravity. T/F
3. As one object gets closer to another object, the force of gravity will increase. T/F
4. The Sun has a greater gravitational force than Jupiter. T/F

Circle the Correct Answer

An object with more mass has **more/less** gravitational force than an object with a smaller mass.

Objects that are closer together have **more/less** of a gravitational force between them than objects that are further apart.

