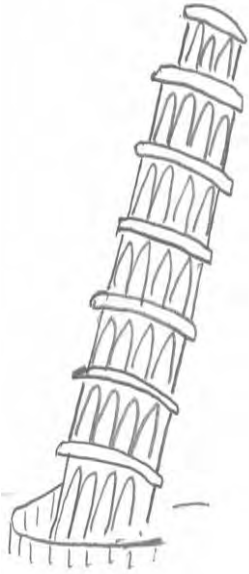


Gravity

Galileo's Gravity Experiment

Instructions: Choose one member of your group to stand on a chair or desk and drop the object pairs from the same height at the same time. Another group member can observe which one hits the ground first, and another should record the results in the table below. What conclusions can you draw from your observations? Why do you think the Leaning Tower of Pisa is leaning?



OBJECTS	OBSERVATIONS Which object falls faster?	CONCLUSIONS Why?

The Law of Universal Gravitation: Every object in the Universe attracts every other object with a force directed along the line of centers for the two objects that is proportional to the product of their masses and inversely proportional to the square of the separation between the two objects.

In my own words the Law of Gravity is:

I conclude that a law is:
