

When you trip on untied shoelaces, you fall. When you jump in the air, you always come back down. This is because of gravity. You have probably heard that gravity is what keep us grounded. Gravity is the force that pushes down on us.

*Sources of statistics from <http://www.exploratorium.edu/ronh/weight/index.html>.

This image shows a blank sheet of white paper with horizontal ruling lines. The lines are evenly spaced and extend across the width of the page. There is no handwriting or other markings on the paper.

Consider the results from your table. What do you notice about the relationship between mass and gravitational force?

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