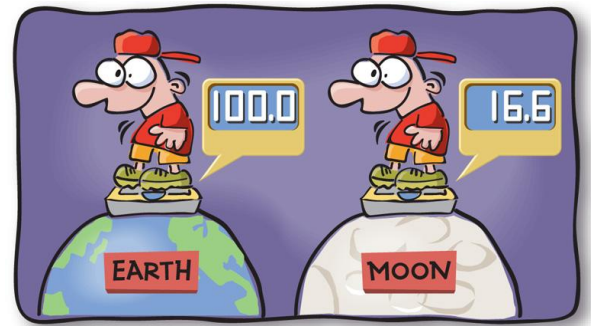
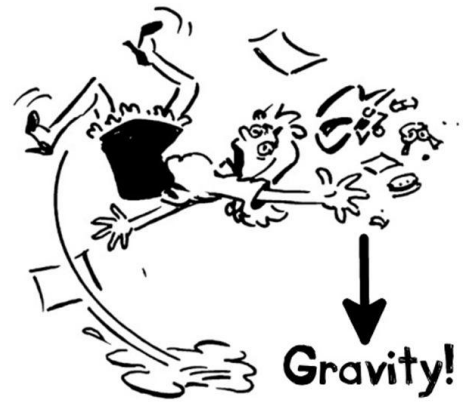


How Gravity Affect Motion



Weight



Friction

1. What is gravity?

-The force of attraction between _____ and other _____.

2. What is gravitation?

-A force that acts between all _____ and causes them to _____ one another.

-The _____ and _____ two masses are, the more gravitation affects them.

1. What is meant by the term weight?

-It is the _____ of the force of _____ on an object.

2. What is meant by the term mass?

-The amount of _____ in an _____.

3. What is the difference between mass and weight?

-An astronaut's mass, or the _____ he takes up, will not change once he is in space but his weight will change from 220lbs. (on Earth) to _____.

1. What is friction?

-A force that _____ the motion, relative to each other, of objects that are _____.