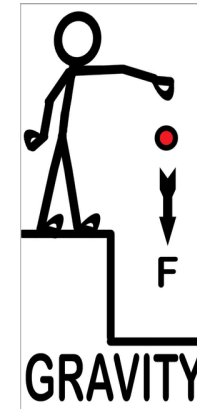
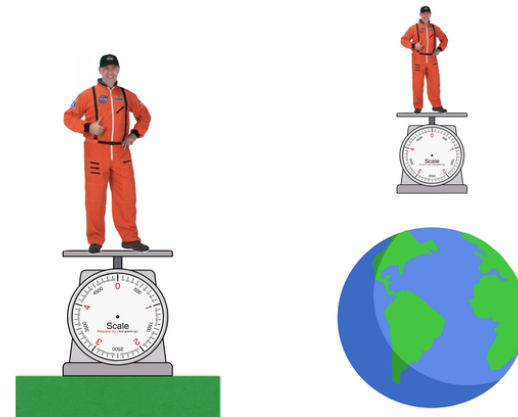


gravity (g): the force of attraction that pulls things closer together



<https://www.abcteach.com/documents/clip-art-gravity-1-color-i-abcteachcom-34801>

microgravity (μg): when the pull of gravity is weak, things *seem* to be weightless



<https://www.quora.com/Why-are-astronauts-weightless-in-space>

weight: how heavy an object is depends on its mass and the force of gravity



My **WEIGHT** on Earth is around 560N



My **WEIGHT** on the moon is around 90N



My **MASS** is always 56kg!!

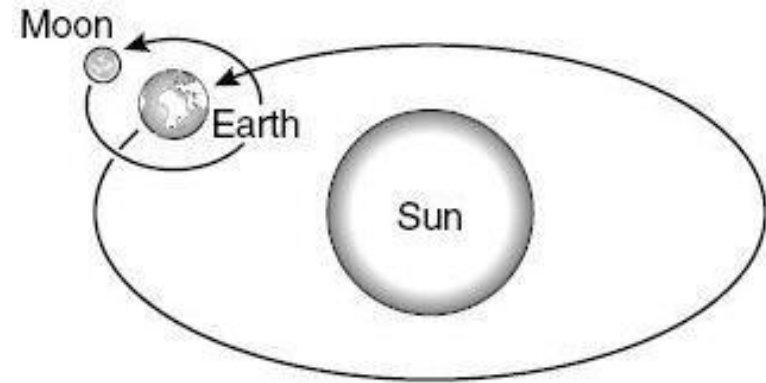
<https://anydifferencebetween.com/difference-between-mass-and-weight/>

weightlessness: the sensation you feel during *freefall* when no outside objects exert any force on you



<http://moretoexplore.life/the-comfort-of-weightlessness-zero-g/>

orbit: the curved path taken by an object moving around another object



<https://www.clipart.email/clipart/sun-and-earth-clipart-black-and-white-176360.html>

ISS: (International Space Station)
a man-made livable satellite



<https://www.youtube.com/watch?v=b2F4vifCSXk&scrybrkr=bbd1961b>