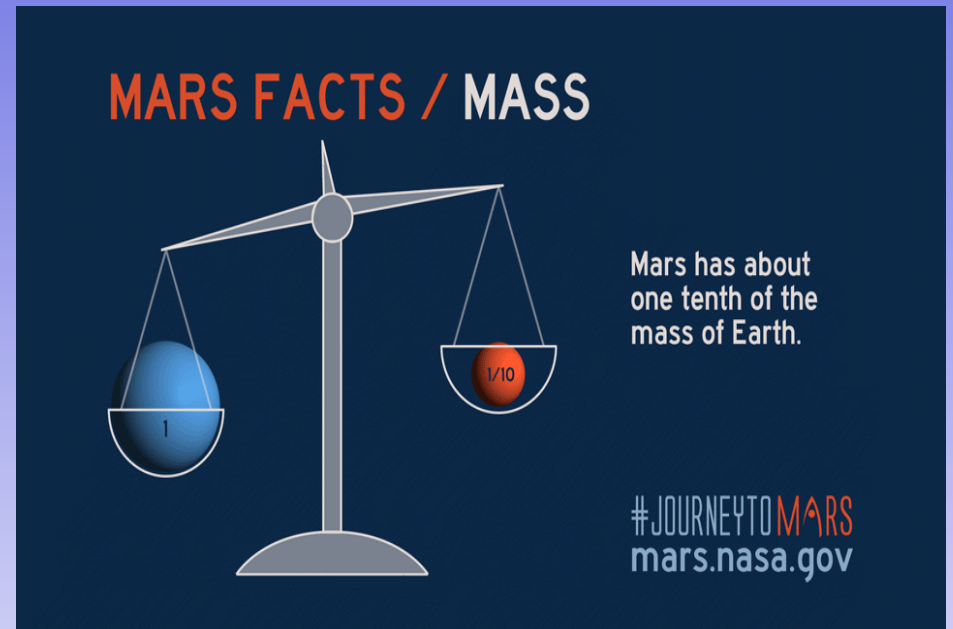


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THE MASS!

- The mass of a body measures the force needed to move it or to change the way it moves.



- The weight of an object is the force attracting it to another object like the Earth or the Moon, and it depends on the mass of both objects and the distance between them.
- Mass and weight are not the same!

THE WEIGHT ON THE MOUNTAINS



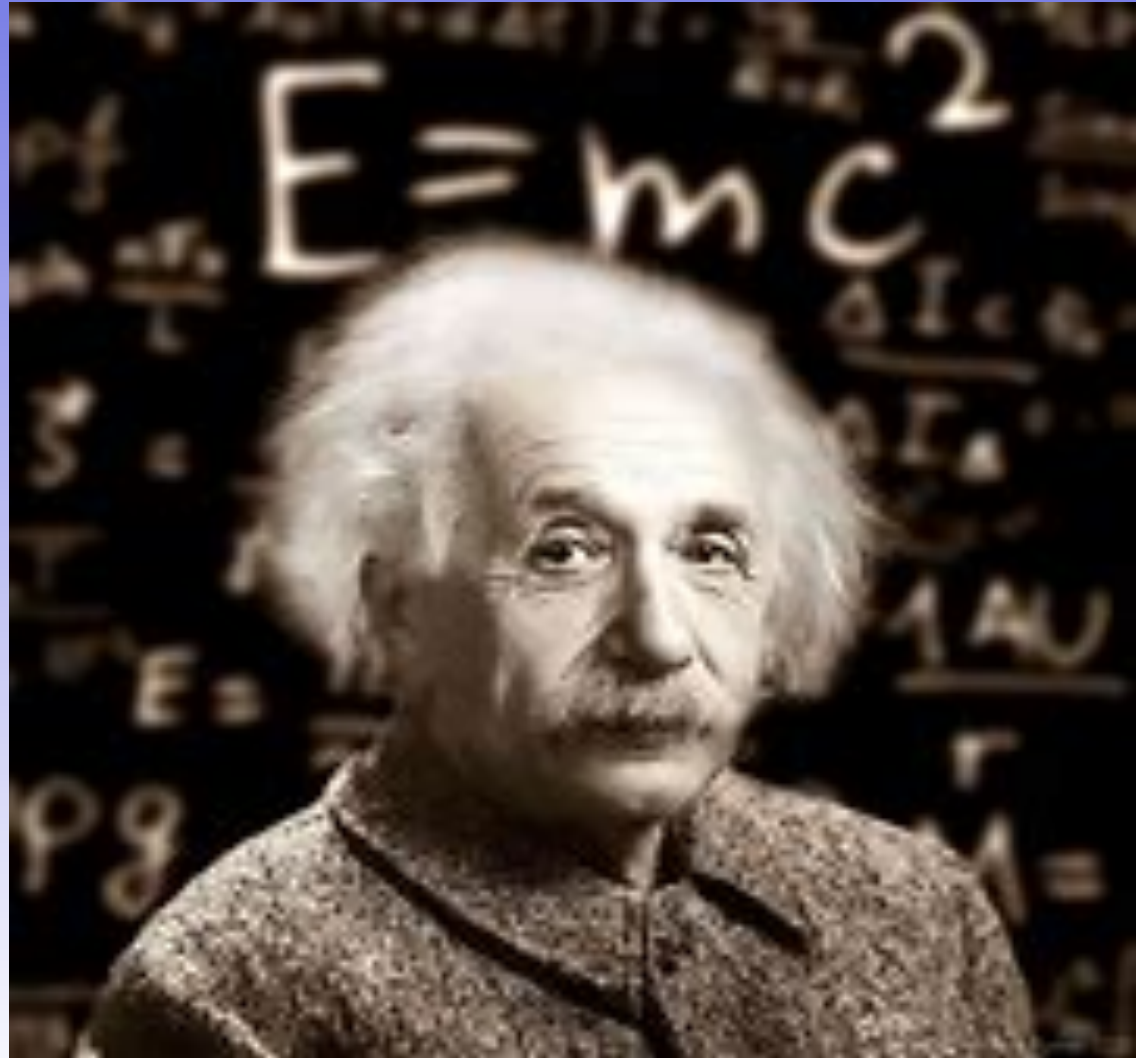
- You weight slightly less on top of a mountain because you are further from the centre of the Earth.

The difference of weight

- The mass of the Moon is much less than the mass of the Earth. For this reason, an astronaut that weighs about 90 kg on Earth, he weights just 15 kg on the Moon.



Albert Einstein discovered that mass and energy curve space, creating gravity.



Thank you for your attention.

By EDOARDO AND LUIGI