

Year 5 - Introduction to Forces

Challenge 1: Fill in the blanks using the words given below.

newtons	gravity	force	matter	centre	Kilograms
---------	---------	-------	--------	--------	-----------

Jupiter	Isaac Newton	weight	apple
---------	--------------	--------	-------

1. All objects are made from _____ or stuff.
2. The amount of matter an object is made of is called its mass. This is measured in _____.
3. _____ pulls all objects down towards the _____ of the Earth.
4. It pulls objects with a larger mass down with a stronger _____.
5. The pulling force of gravity on an object is its weight. Weight is measured in _____.
6. The scientist who discovered gravity was _____. This happened when an _____ fell on his head.
7. An objects mass will stay the same but its _____ can change.
8. _____ has a stronger gravitational pull than Earth.