

asteroids

asteroids



asteroids



irregular
pieces of rock
that move
through space

celestial objects

celestial
objects



celestial
objects



all of the
different
objects in
space that
make up our
universe

comets

comets



comets



celestial objects
made up of dust,
ice, and gases
that orbit the sun
in a large,
elliptical course

galaxy

galaxy



galaxy



a system of
stars, gas and
dust held
together by
gravitational
attraction

planet

planet



planet



a celestial object,
larger than
asteroids or
comets, that
revolves around a
star without
giving off its own
light

satellite

satellite



satellite



a natural or man
made object that
revolves around
larger objects in
space

star

star



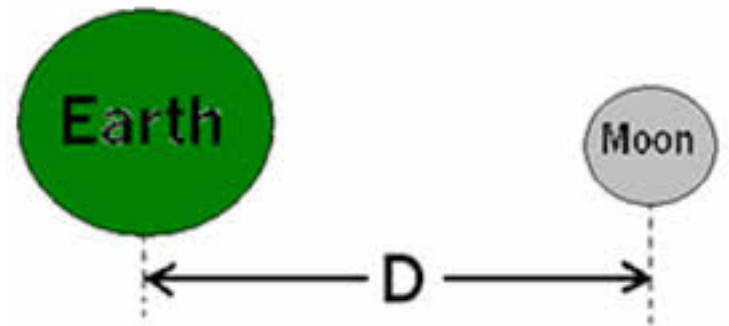
star



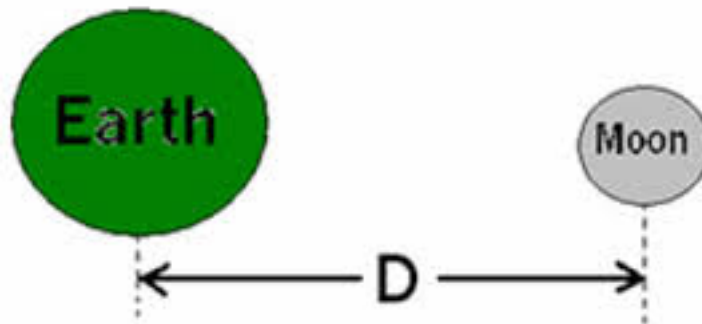
celestial
object that
consists of
gases which
generate light
and heat

distance

distance



distance



a measure of
the amount of
space between
objects

force

force

pushes and pulls - forces and motion



pushes and pulls - forces and motion

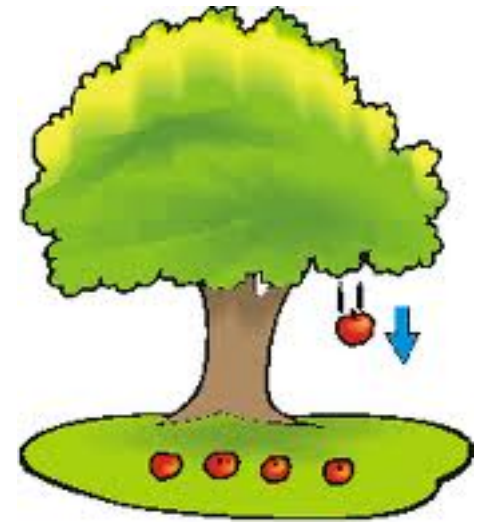


force

a push or
pull

gravity

gravity



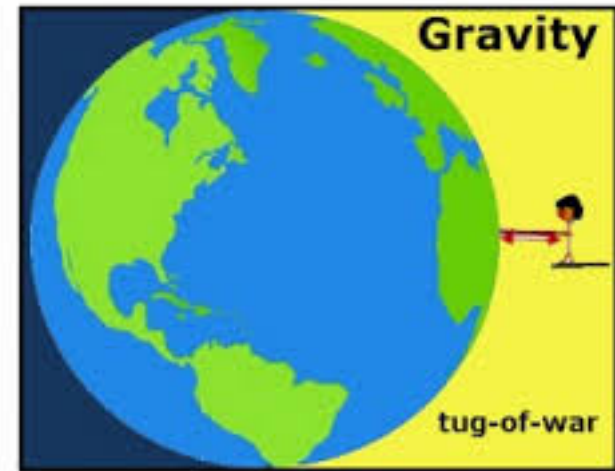
gravity



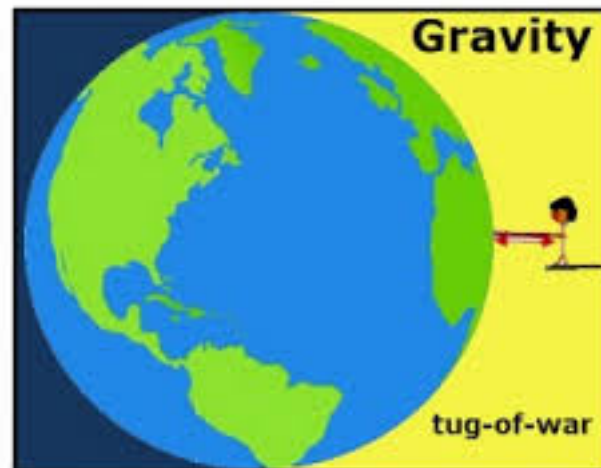
the force that
pulls objects
on or near the
earth toward
its surface

gravitational force

gravitational
force



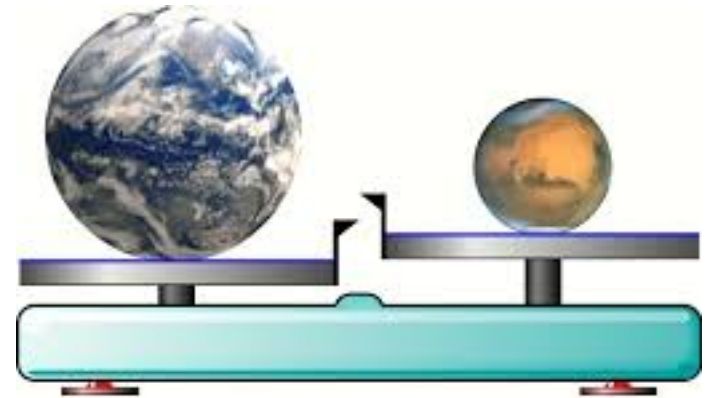
gravitational
force



the
measurement
of the pull of
gravity

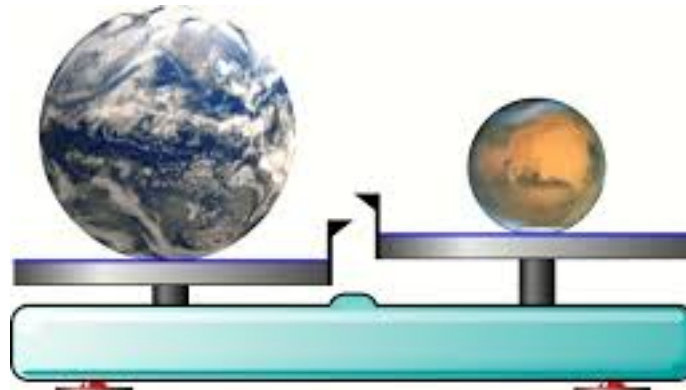
mass

mass



The Earth has 9.3 times more mass than Mars

mass

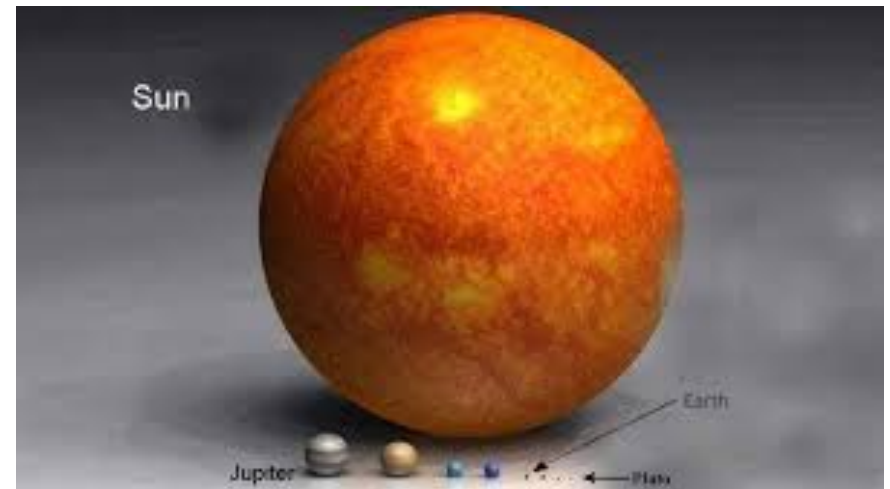


The Earth has 9.3 times more mass than Mars

the amount
of matter
in
something

scale

scale



scale



objects
compared to a
standard for
accurate size
perception

solar system

solar
system



solar
system



the system made
up of the nine
unique planets,
and many
smaller objects
that orbit the sun

telescope

telescope



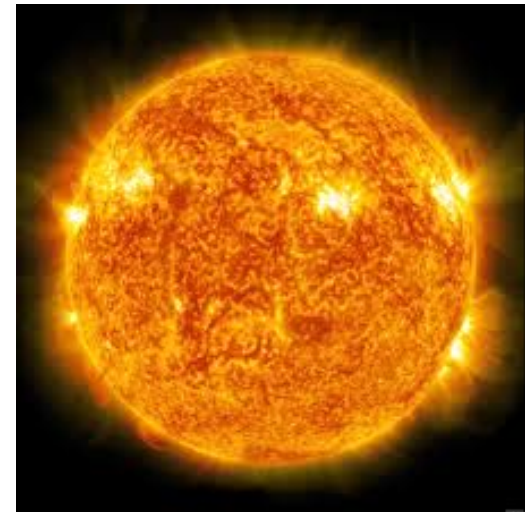
telescope



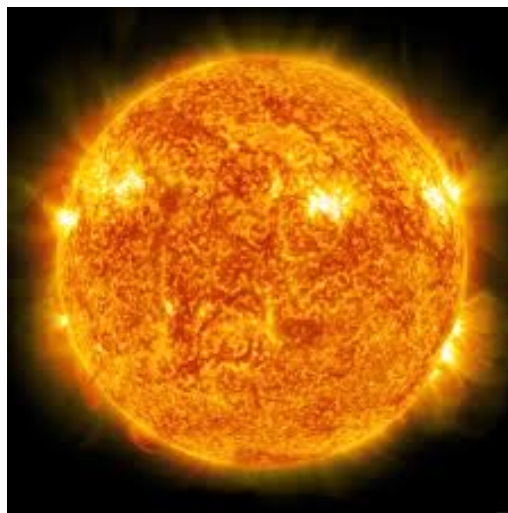
an instrument
that magnifies,
or makes
distant objects
appear larger

Sun

sun



sun



the star that is
the basis of the
solar system and
sustains life on
Earth as the
source of heat
and light

