

Gravity and satellites: true or false?

GRAVITY AND SATELLITES – TRUE OR FALSE?

True

False

Not sure

International Space Station image courtesy of NASA

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Gravity and satellites: true or false? – statements

There is no gravity in space.	Gravity keeps the International Space Station in orbit around the Earth.
Gravity only affects things on Earth.	All objects – even people – are attracted towards each other by gravity.
The Moon is a satellite.	A 1 kg mass dropped from a 100 km high tower would float away.
Astronauts appear weightless because there is no gravity in space.	Gravity keeps the Moon orbiting around the Earth.
Gravity only works on falling objects.	A 1 kg mass dropped from a 30 km high tower would fall straight down.