



Gravity

- 1 What is the name of the force that pulls objects towards the ground? Tick **1** correct answer
- magnetic force
- gravitational force
- friction
- upthrust
- 2 In which direction will a ball move if you pick it up and then release it above the ground? Tick **1** correct answer
- The ball will not move.
- The ball will move upwards.
- The ball will move left-to-right.
- The ball will move downwards.
- 3 Which scientist is thought to have discovered the existence of gravity after seeing an apple fall from a tree in their garden? Tick **1** correct answer
- Marie Curie
- Albert Einstein
- Sir Isaac Newton
- Robert Hooke
- 4 Where would you feel the strongest gravitational force of attraction from Earth? Tick **1** correct answer
- On the International Space Station.
- At the top of Mount Everest.
- On the surface of the Moon.
- At sea level.



5 Which planet has the strongest gravitational field? Tick **1** correct answer

- Venus
- Earth
- Jupiter
- Mercury

6 Put these pairs of orbiting objects in order of increasing gravitational force between them, starting with the smallest. Use numbers to show the correct order

4	The Sun orbiting the centre of the Milky Way galaxy.
3	Earth orbiting the Sun.
1	A communications satellite orbiting Earth.
2	The Moon orbiting Earth.

