

Name _____

The Mystery of Falling Objects: What Causes Things to Drop to Earth?

Multiple Choice Questions

1. What is gravity?
 - a) A force that pushes objects away from each other
 - b) A force that pulls objects with mass toward each other
 - c) A force that creates light in the sky
 - d) A force that has no effect on objects

2. Who is the scientist known for developing the theory of gravity?
 - a) Albert Einstein
 - b) Galileo Galilei
 - c) Isaac Newton
 - d) Charles Darwin

3. Why do objects fall towards the Earth?
 - a) Because they are pushed by the wind
 - b) Because of the Earth's magnetic field
 - c) Because of the force of gravity
 - d) Because they are trying to reach the Moon

4. What is the difference between weight and mass?
 - a) Weight measures the amount of matter in an object, while mass measures the force of gravity on that object.
 - b) Mass measures the amount of matter in an object, while weight measures the force of gravity on that object.
 - c) Weight and mass are the same thing.
 - d) Mass is the same on all celestial bodies, but weight varies.

5. How did Sir Isaac Newton contribute to our understanding of gravity?
 - a) By discovering the existence of gravity on the Moon
 - b) By formulating the laws of motion and the law of universal gravitation
 - c) By inventing the concept of weight
 - d) By conducting experiments with falling objects

