

Name _____

Gravity and Newton's Laws

Answer Key

1. Gravity is a force that pulls objects towards each other.
2. Gravity relates to Newton's laws because it's the force that makes objects move, following these laws.
3. A ball falls back to the ground when thrown in the air because of gravity, following Newton's First Law.
4. The force applied when throwing a ball affects its height; a stronger throw makes it go higher, demonstrating Newton's Second Law.
5. Astronauts in space experience microgravity, where they feel weightless. When they push off a wall, they move in the opposite direction due to action-reaction forces, following Newton's Third Law.