

Name _____

Astronauts and the Wonders of Weightlessness: Exploring Microgravity in Space

Multiple Choice Questions

1. Why do astronauts appear weightless in space?
 - a) There is no gravity in space.
 - b) They are in a continuous state of free fall.
 - c) They wear special suits that make them float.
 - d) They have anti-gravity devices in their spacecraft.

2. What is microgravity often called?
 - a) Zero gravity
 - b) Super gravity
 - c) Mega gravity
 - d) Space gravity

3. How do astronauts adapt to microgravity?
 - a) By sleeping more
 - b) By avoiding exercise
 - c) By using their hands and feet to move around
 - d) By eating more food

4. In microgravity, what happens to objects?
 - a) They fall to the ground.
 - b) They float.
 - c) They become heavier.
 - d) They disappear.

5. What is one advantage of conducting scientific experiments in microgravity?
 - a) It's easier to clean up spills.
 - b) It provides a unique environment for studying various materials and processes.
 - c) It allows experiments to be completed faster.
 - d) It makes objects easier to handle.

