

Name _____

The Marvels of Circular Motion

Open-Ended Response Answer Key

1. The design of racing car tires relies on understanding these forces to provide optimal grip during turns, improving the car's performance and safety.
2. Astronauts experience microgravity because they are in freefall around Earth. They float inside spacecraft because both the spacecraft and the astronauts are in constant freefall, creating the sensation of weightlessness.

