

Name _____

The Amazing World of Autonomous Vehicles

Short Answer Key

1. Sensors, cameras, radar, LiDAR, etc.
2. Detailed maps help the vehicle understand its location, adapt to changing conditions, and make safe driving decisions.
3. Level 2 provides partial automation with simultaneous steering and acceleration/deceleration assistance, while Level 4 allows high automation but may have limitations in certain conditions.
4. Autonomous vehicles can make transportation more accessible by allowing people with disabilities to travel without relying on a human driver.
5. Complex algorithms are essential for making quick and safe driving decisions, such as avoiding obstacles and responding to unexpected situations.

