

UNIT: AUTONOMOUS VEHICLE

ACT-BASED SCIENCE: ANALYZING SENSOR DATA FOR PERFORMANCE OPTIMIZATION ANSWER KEY

ACT-STYLE QUESTION:

- What is the best way to improve sensor accuracy in robotic cars?
 - A. Increase wheel size
 - B. Use higher-resolution sensors
 - C. Decrease battery voltage
 - D. Add more motors

(Correct Answer: B)