

Name \_\_\_\_\_

## Question the Author - Understanding AI Systems Answer Key

### Multiple Choice

1. What type of data is used as input in a self-driving car AI?  
B. Sensor, camera, radar, and GPS data
2. What role does feedback play in a self-driving car AI?  
B. It helps refine and improve the AI's decision-making abilities over time.

**Question the Author** - Below are **sample responses** that demonstrate the type of thinking expected. Student answers will vary.

### 1. Clarifying Question

- *Sample:* How does the AI decide which objects are most important to pay attention to when there are many things happening at once?

### 2. Challenging Question

- *Sample:* You say the system improves with feedback, but what happens if the feedback is incomplete or biased? Wouldn't that make the car less safe?

### 3. Extending Question

- *Sample:* Could the same kind of AI system be used in airplanes or delivery robots, and what new challenges would that bring?