

Name \_\_\_\_\_

## The Secret Art of Smart Labeling Answer Key

### Scenario 1: The Mood Message App

**Correct Answer:** B. Label messages as "happy," "sad," or "angry" based on tone and words.

**Explanation:** AI needs emotional categories that connect directly to the goal. Labeling by emotion teaches it to recognize how language expresses feelings. The other options don't provide useful emotional data.

### Scenario 2: The Snack Scanner

**Correct Answer:** B. Label each photo as "fruit," "sandwich," "chip," or "dessert."

**Explanation:** These categories match the project's purpose-identifying types of food. Labels like "food" or "brown" are too general and won't help the AI tell items apart.

### Scenario 3: The Road Hero Car AI

**Correct Answer:** B. Label each item clearly-"stop sign," "traffic light," "pedestrian," "car."

**Explanation:** The AI must recognize specific objects to drive safely. Labeling only perfect images or using general "road" labels wouldn't prepare it for real-world conditions.