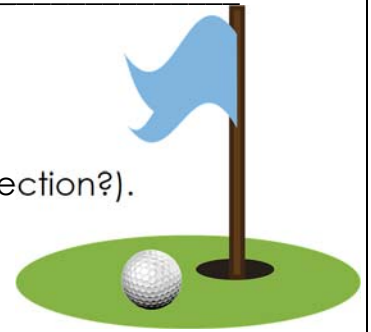


Name _____

Prediction Exercise - How Will AI Improve?

Read each scenario. Then:

1. Write your **prediction** (What will the AI say/do after the correction?).
2. Explain your **reasoning** (Why will it improve this way?).



Scenario A: Photo Classifier

Input: A person uploads a picture of their golden retriever.

Output (Mistake): The AI says: *"That's a lion."*

Feedback: The person corrects it by saying: *"No, this is a dog — a golden retriever."*

Prediction: _____

Reasoning: _____

Scenario B: Self-Driving Car

Input: The car's sensors detect a stop sign.

Output (Mistake): The car drives straight through without stopping.

Feedback: The safety driver presses the brakes and reports: *"You must stop at stop signs."*

Prediction: _____

Reasoning: _____

Scenario C: Voice Assistant

Input: A person says: *"Play the song 'Firework' by Katy Perry."*

Output (Mistake): The AI plays a different song with a similar name.

Feedback: The person says: *"That's wrong. Play 'Firework' by Katy Perry, not Fireworks by another artist."*

Prediction: _____

Reasoning: _____