

Making AI Smarter with Better Prompts Answer Key

Case 1 - Original Prompt: *"Write about a jaguar."*

AI Output: *"The Jaguar is a popular car in Europe."*

- **Problem:** AI confused "jaguar" the animal with "Jaguar" the car brand.
- **Rewrite Prompt:** *"Write about the jaguar, the large wild cat found in the Americas."*

Case 2 - Original Prompt: *"Who is the president?"*

AI Output: *"The president is Barack Obama."*

- **Problem:** The question was too vague — "president" of which country, and at what time? AI also used outdated info.
- **Rewrite Prompt:** *"Who is the current president of the United States in 2025?"*

Case 3 - Original Prompt: *"Tell me about a bat."*

AI Output: *"A bat is used to hit a baseball."*

- **Problem:** AI picked the sports meaning instead of the animal.
- **Rewrite Prompt:** *"Tell me about a bat, the flying mammal that is active at night."*

Case 4 - Original Prompt: *"Summarize the story of Cinderella."*

AI Output: *"Cinderella loses her crown at midnight."*

- **Problem:** AI gave the wrong detail — she loses a slipper, not a crown.
- **Rewrite Prompt:** *"Summarize the fairy tale Cinderella, including the part where she loses her glass slipper at midnight."*

Reflection (sample answers)

1. Vague prompts confuse AI because words can have multiple meanings, and the AI has no way to know which one you meant without details.
2. Case 2 probably made the biggest difference because specifying "United States" and "current" removes confusion.
3. Clear prompts help us get better, more accurate results when using AI for homework, projects, or creative work.