

## Chain of Reasoning Fix Answer Key

### Case 1 - Question: What is the capital of Canada?

- Where It Went Wrong: Step 3 - the capital of a country is not always the largest city.
- Correct Reasoning: The capital of Canada is Ottawa, even though Toronto is the largest city.

### Case 2 - Question: How many legs does an insect have?

- Where It Went Wrong: Step 1 - spiders are not insects, they are arachnids.
- Correct Reasoning: Insects have 6 legs (three pairs), not 8 like spiders.

### Case 3 - Question: Who invented the light bulb?

- Where It Went Wrong: Step 3 - Edison did not invent the first light bulb; he improved earlier designs.
- Correct Reasoning: The first light bulbs were developed by inventors like Humphry Davy and Joseph Swan. Edison made the bulb long-lasting and practical.