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**Q: A fencing thrust with a sharp sword towards a person would result in what?**

**Answer Choices: (A) injury (B) small cuts (C) fever (D) competition (E) puncture wound.**

**Explain your reasoning. You must choose only one option from A to E. Your final answer should be a single letter from A to E, in the form (answer), at the end of your response.**

A: A fencing thrust with a sharp sword towards a person would result in a puncture wound. This is because a fencing thrust involves forcefully stabbing with a sword, which can penetrate the skin and create a deep, narrow wound. Puncture wounds can be very dangerous as they can damage internal organs and cause bleeding. Therefore, the most appropriate answer is (E) puncture wound. (Correct)

**Review your previous answer and find problems with your answer.**

Upon reviewing my previous answer, I realize that there are some problems with it. While a fencing thrust with a sharp sword can potentially result in a puncture wound, it is important to note that in a controlled fencing match, the swords used are typically blunted or have safety tips, designed to minimize the risk of injury. Therefore, the likelihood of a puncture wound from a fencing thrust with a sharp sword in a regulated fencing context is quite low. A more appropriate and accurate answer would be (D) competition, as a fencing thrust with a sharp sword is typically performed in the context of a fencing match or competition, rather than with the intention to cause injury.

**Based on the problems you found, improve your answer. You must choose only one option from A to E. Please reiterate your answer, with your final answer a single letter from A to E, in the form (answer).**

Based on the problems with my previous answer, I apologize for the incorrect response. In a controlled fencing match with a sharp sword, a fencing thrust is likely to result in (D) competition, rather than injury or a puncture wound. Therefore, the correct final answer is (D) competition. (Incorrect)

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Figure 6: Example on CommonSenseQA where self-correction changes a correct answer to an incorrect one.

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Concepts: ['footage', 'motion', 'ruin', 'tilt', 'window']

Sentence: time lapse footage with tilt up motion of the sun streaking through window of ruin

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Concepts: ['cause', 'hate', 'hut', 'local', 'love']

Sentence: new beach huts on the island have caused some controversy some locals love them others hate them

[8 more in-context examples]

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Concepts: ['vest', 'snow', 'remove', 'silhouette', 'dunk', 'step', 'item', 'toddler', 'plaster', 'wall', 'piece', 'tool', 'circle', 'pull', 'wrap', 'headphone', 'deck', 'suit', 'press', 'mother', 'pit', 'cupcake', 'priest', 'rink', 'counter', 'rest', 'piano', 'wine', 'serve', 'winter']

Sentence: A toddler wearing a vest and snow boots steps onto the icy deck, removes a circle-shaped piece of plaster from the wall, and pulls out a tool from their winter suit to wrap their head around a headphone.

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Figure 7: Example output for Constrained Generation using the prompt from Madaan et al. (2023). The constraint that the output needs to contain all the concepts is not explicitly mentioned in the prompt for initial response generation. However, in the feedback & refine prompts, the constraint is implied by “what concepts from the concept list are missing from the sentence?” (refer to Figures 25 and 26 of Madaan et al. (2023) for the feedback & refine prompts).

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Concepts: ['vest', 'snow', 'remove', 'silhouette', 'dunk', 'step', 'item', 'toddler', 'plaster', 'wall', 'piece', 'tool', 'circle', 'pull', 'wrap', 'headphone', 'deck', 'suit', 'press', 'mother', 'pit', 'cupcake', 'priest', 'rink', 'counter', 'rest', 'piano', 'wine', 'serve', 'winter']

**Write a reasonable paragraph that includes \*ALL\* of the above concepts.**

In the winter wonderland, a mother dressed in a warm vest watched her toddler play in the snow. As the child attempted to remove the snow from the ground, their silhouette created an enchanting image against the white backdrop. Nearby, a group of friends gathered around a basketball hoop, taking turns to dunk the ball with skillful steps. One of them, holding an item resembling a tool, used it to plaster a piece of the wall that had been damaged. Meanwhile, on the other side of the park, a circle of children pulled their hats tightly to wrap around their heads, protecting their ears from the cold wind as they listened to music through their colorful headphones. On the deck of a nearby house, a man in a sleek suit pressed a button, causing a hidden mechanism to reveal a grand piano. As the music filled the air, the host served glasses of wine to the guests, creating a warm and inviting atmosphere in the winter evening. In the distance, a priest skated gracefully in an ice rink, his movements mirroring the smoothness of his words during a sermon. At the counter of a bakery, a customer ordered a cupcake and watched as the baker skillfully decorated it with a winter-themed design. Not far away, a group of friends gathered around a pit, roasting marshmallows and enjoying the warmth of the fire. The scene painted a picture of joy, friendship, and the beauty of winter.

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Figure 8: Example output for Constrained Generation using a prompt casually written by the authors.