**Name** _____

## Decoding the Genetic Blueprint: Understanding DNA Translation

### Open-Ended Response Questions

1. Can you think of a real-life example where understanding translation could lead to the development of a new medical treatment? Explain.

2. Why do you think it's important for cells to regulate the process of translation?

3. Imagine you are a scientist studying translation. What questions would you want to investigate?

4. How might errors in translation contribute to the development of genetic disorders?

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