Homeostasis in Goldfish Conclusion:

*Use the sentence frames for each question to construct your answers.*

1. Describe the trend you see on your graph.

I notice that \_\_\_\_.

The data suggests/ indicates that\_\_\_.

According to my graph, \_\_\_.

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2. Using your data as evidence, what did you notice about the fish’s response to a temperature increase and temperature decrease?

According to our data, \_\_\_\_\_\_.

Based on \_\_\_\_, I determined that \_\_\_.

\_\_\_\_ resulted in \_\_\_, and consequently \_\_\_\_.

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3. Studies have shown that Atlantic cod are found in deeper, cooler waters during the summer when the surface temperature of the water increases. During the winter, they can be found in shallower waters. Using your understanding of how ectotherms regulate their body temperature to maintain homeostasis, explain this behavior change in Atlantic cod.

\_\_\_\_\_, because they need \_\_\_\_

As a result of \_\_\_\_, the Atlantic cod must \_\_\_\_

Their behavior indicates \_\_\_\_, because \_\_\_\_.

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