Name _____

1. Look at the information for a particular mutation/condition combination. Describe how the population of animals changed over time.

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2. Using your understanding of natural selection, explain how the population changed the way it did.

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3. Invent a new type of mutation and a new environmental condition that might affect this population of animals. How might natural selection operate (or change) this population of individuals with this new mutation and new condition? How would the population change over time?

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4. Scientists have discovered by looking at fossil records that the ancestors of giraffes had shorter necks than giraffes today. Make a hypothesis about how long necks evolved in giraffes through the process of natural selection.

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