Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

After reading “Lessons from the Wolf” create four flow diagrams that illustrate the situation in Yellowstone as a result of removal and reintroduction of wolves in Yellowstone. Create two that begin with removed wolves and two that begin with reintroduced wolves. Make sure each one includes a different combination of organisms and says if each population increased or decreased. The first one has been started as an example.

Removed wolves → # of elk increased → \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ →\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ →\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_→\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_→\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Removed wolves → \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_→ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ →\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ →\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_→\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_→\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Reintroduced wolves → \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_→ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ →\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ →\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_→\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_→\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Reintroduced wolves → \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_→ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ →\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ →\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_→\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_→\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

A **keystone species** is a species that plays a critical role in maintaining the structure of an ecological community and whose impact on the community is greater than would be expected based on its relative abundance or total biomass. Choose at least one species that may be a keystone species for Yellowstone. Explain your choice.

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Describe how this article relates to the mice/weasel activity you completed in class. Explain the importance of the Yellowstone wolf study as it relates to populations.

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Describe, in your own words, the lessons the wolves have brought with them to the park.

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