***Respond thoroughly and using correct grammar to the following questions. You will find the answers in the 4 articles. Before you start, READ the questions here. Then, READ each article completely. After reading the article, go back and find the answers to the corresponding questions.***

***NAME:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_***

1. **According to the article in “*Popular Science*” by Emily Gertz, explain what happened when the wolves were exterminated from Yellowstone.**
2. **In the “*Popular Science*” article, in the 3rd paragraph, infer what an “apex predator” is.**
3. **In the “*Popular Science”* article, what are 2 possible meanings of the sign “Go Wolves?”**
4. **According to the “*Popular Science*” article, explain what happened when the elk “won” the competition for their food source.**
5. **In the article in “*Nature*” by Emma Marris, LISTEN to the audio clip and explain in your own words what trophic cascade means.**
6. **In the “*Nature”* article, find the section “Takes from Trees,” and list 3 factors other whan wolves that are killing elk.**
7. **In the article “*Wolf Reintroduction Changes an Ecosystem*,” what does Smith compare the presence of wolves and their cascading effect to? Explain and write the quote from Smith.**
8. **In the ‘*Wolf Reintroduction*” article, what 2 things happened when the elk began to thrive?**
   1. **The elk pushed the limits of Yellowstone’s carrying capacity**

**b.**

1. **In the *“Wolf Reintroduction”* article, which statement is TRUE?\_\_\_\_\_\_\_\_\_\_\_\_**
   1. **The combination of less snow and more wolves has benefitted scavengers both big and small.**
   2. **The combination of more snow and les wolves has benefitted scavengers both big and small.**
2. **In the article *“Did Wolves Help Restore Trees to Yellowstone”* by Kate Tobin, explain what Doug Smith and his group did in 1995-1996 and the outcome of this.**