

## Chapter 8 Populations

Name \_\_\_\_\_ Period \_\_\_\_\_ Date \_\_\_\_\_

1. Give three examples of a population.
  
2. What is the difference between population and population density?
  
3. Give an example of the following relationships:
  - a. Parasitism
  - b. Commensalism
  - c. Competition
  - d. Mutualism
  
4. The Canadian lynx and a snowshoe hare is an example of which relationship?
  
5. What are the causes of;
  - a. Density independent death?
  - b. Density dependent death?
  
6. Which organism did we discuss in class to have the highest reproductive potential?

7. Explain the exponential growth curve.
8. What factors determines carrying capacity of an ecosystem?
9. What are the 3 main properties used to describe a population?
10. True or false a niche is the same thing as a habitat, explain your answer.
11. What is the difference & similarities between predator and parasite?
12. What are the three ways in which a population can be dispersed?
13. What is the formula for population growth rate?
14. What is symbiosis?
15. Define coevolution