

## Animal Adaptations Study Guide

1. List 3 major characteristics of ALL animals.
2. What are the 2 major groups of animals and how are they different?
3. What is the difference between radial symmetry and bilateral symmetry?
4. Why is cephalization important in animals?
5. (Circle the correct answers) In invertebrates, it is important for respiratory surfaces to be THICK / THIN and MOIST / DRY .
6. What is the function of the excretory system?
7. What is the difference between sexual and asexual reproduction?
8. What is the difference between an open and a closed circulatory system?
9. What is the difference between innate and learned behaviors?
10. In general, aquatic animals use \_\_\_\_\_ for respirations and land animals use \_\_\_\_\_.
11. Anything that an animal can see, smell, taste, touch or hear is a \_\_\_\_\_.
12. What is the difference between endotherms and ectotherms?
13. What are pheromones?
14. What kinds of resources do animals protect in their territory? (name at least 3)
15. What types of behaviors have seasonal cycles?

16. What type of behavior has a daily cycle?
17. Which type of behavior involves both innate and learned behaviors and only occurs very early in life?
18. What tends to happen between animals that live in close-knit societies/populations?
19. Animals with 2-chambered hearts are \_\_\_\_\_. Animals with 3-chambered hearts are \_\_\_\_\_. Animals with 4-chambered hearts are \_\_\_\_\_.
20. What does it mean to say that a cell is eukaryotic?
21. List the 4 types of learned behaviors AND explain each one.
22. List 4 types of social behavior AND explain each one.