

Biology test for chapter 17

Name \_\_\_\_\_

Date \_\_\_\_\_ Total Points 65

Gills                                  mammary glands                                  invertebrates                                  lungs                                  vertebrae

Ectotherms                                  endotherms                                  nervous system                                  vertebrate

1. Squid, crickets, ladybugs and clams are \_\_\_\_\_ animals; they have no backbone.
2. The \_\_\_\_\_ is comprised of the brain, spinal cord, and nerves in humans.
3. Most fish, amphibians, and reptiles are \_\_\_\_\_ while birds and mammals are \_\_\_\_\_ . (hint think about staying warm)
4. The backbone is made up of a set of joining bones called \_\_\_\_\_.
5. Mammals feed their young with \_\_\_\_\_, which provide milk.
6. Fish have \_\_\_\_\_ for getting oxygen from water. Amphibians and reptiles have \_\_\_\_\_ for getting oxygen from air.
7. What are the two divisions of the Kingdom Animalia? \_\_\_\_\_ And \_\_\_\_\_

Short Answer:

12. How are sponges different from other animals? AND Why are they not grouped with plants?

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13. What is the simplest animal that has bilateral symmetry? \_\_\_\_\_

14. List three animals that are part of the Phylum Mollusca?

\_\_\_\_\_

15. List four attributes of the arthropods.

\_\_\_\_\_

\_\_\_\_\_

16. List the 5 classes of vertebrates. \_\_\_\_\_

\_\_\_\_\_

17. Define ectotherm:

\_\_\_\_\_

18. What are the three types or classes of fish?

\_\_\_\_\_

19. What are three important adaptations for birds?

\_\_\_\_\_

20. Explain how amphibians are dependent on water?

\_\_\_\_\_

21. Are eggs considered to be dairy? Explain your answer. \_\_\_\_\_

\_\_\_\_\_

22. Fill in the chart for the 4 types of tissues found in vertebrates:

<b>Tissue:</b>				
Function:				
Where it is located/ example:				

23. Fill in the chart for the three types of symmetry:

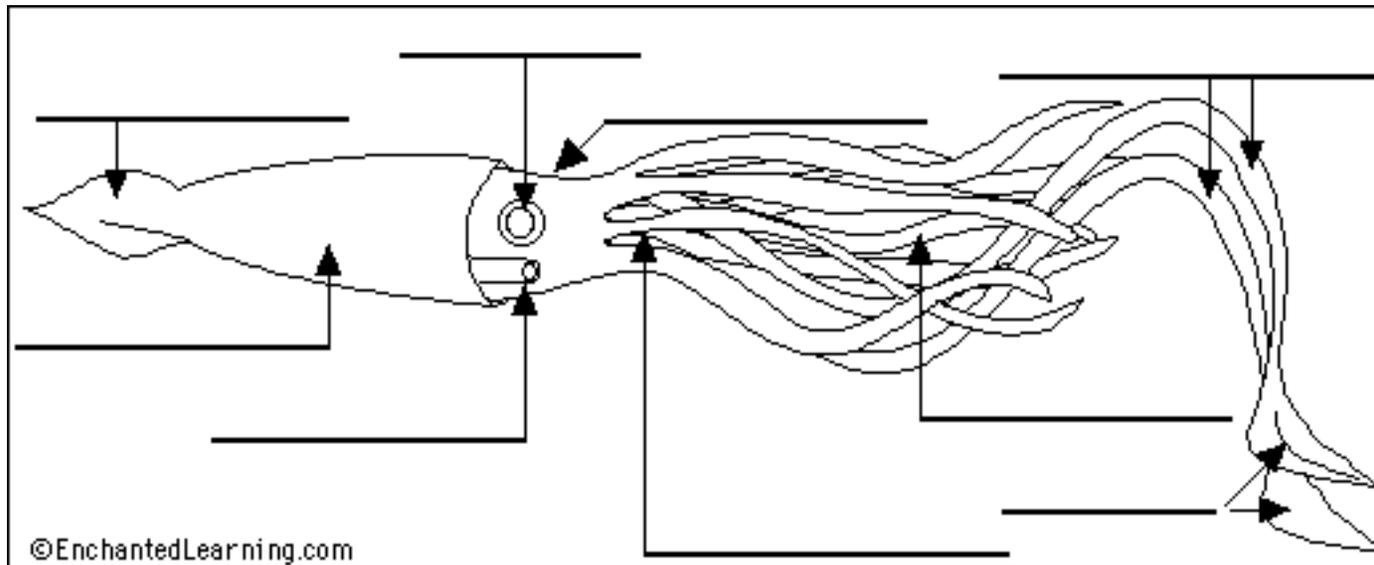
<b>Type</b>			
Animal example			
Drawing			

24. What 3 characteristics make mammals unique, even superior, to other animals?

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25. Draw and label a squid: tentacles, arms, eyes, mantle, head, fins, siphon, beak/mouth (the last answer on the bottom in the far right corner is clubs) (hint - the beak is hidden; you should remember where it was located)



\*\*Bonus list the classes of the invertebrates in order (as you have learned)\*\* (+3)