

Name Key

Time finished \_\_\_\_\_

Subject \_\_\_\_\_

Date \_\_\_\_\_

**Chapter 9 Quiz Review: Animals and Symmetry**  
**Sections 1-2**

**Directions:** Match the following definitions with the appropriate term.

- |                  |                  |               |
|------------------|------------------|---------------|
| a. Phyla         | f. Bilateral     | k. Adaptation |
| b. Organ systems | g. Tissue        | l. Symmetry   |
| c. Vertebrates   | h. Asexual       | m. Organ      |
| d. Invertebrates | i. Sexual        |               |
| e. Radial        | j. Fertilization |               |

1. L Balanced arrangement of parts
2. C Animals with backbones
3. F Type of symmetry with one line dividing organism into halves
4. J Joining of egg and sperm cells
5. H Type of reproduction that produces identical offspring
6. G Examples include bone, muscle, nerve
7. M Example includes a thigh bone
8. B Humans have 11 of these
9. A Animals are split into 35 of these
10. K Behavior or physical characteristic that allows organism to survive
11. D Animal without a backbone
12. E Type of symmetry exhibited by sea stars, jellyfish, and sea urchins
13. I Reproduction with two sex cells

**Directions:** List the levels of organizational structure of all organisms from the most basic to the most complex.

14. Cells
15. tissues
16. organ
17. organ system

**Directions:** Name the 4 functions performed by all animals

18. obtain food and oxygen
19. homeostasis
20. movement
21. reproduction

**Directions:** List the three criteria used to classify all animals

22. body structure
23. Life cycle
24. DNA

**Directions:** Name two characteristics of all animals with Radial Symmetry

25. All live in water
26. No distinct front or back end

**Directions:** Name two characteristics of all animals with Bilateral Symmetry

27. True front & back ends
28. sense organs up front  
more complex