

# Structure and Function in Living Systems

Name: \_\_\_\_\_

## Vertebrates Puzzle

Period: \_\_\_\_\_

After you finish reading the Chapter 14, Section 4, try this puzzle. Use the clues below to write the terms being described in the blanks on the next page. Then, write the boxed letters in the space provided to spell out a phrase related to animals.

1. a flexible and strong connective tissue
2. nerves that carry impulses from the body to the brain
3. the wider and shorter portion of the intestine that removes water from mostly digested food and turns the waste into semisolid feces, or stool
4. nerves that carry command impulses throughout the body from the brain
5. the organ between the stomach and the large intestine where most of the breakdown of food happens and most of the nutrients from food are absorbed
6. vessels that carry blood to the heart
7. the front of the body of a vertebrate
8. the upper body surface or back of a vertebrate
9. vessels that carry blood away from the heart
10. the back of the body of a vertebrate
11. the lower surface or belly of a vertebrate

1.  \_\_\_\_\_

2. \_\_\_\_\_  \_\_\_\_\_

3. \_\_\_\_\_  \_\_\_\_\_

4.  \_\_\_\_\_

5. \_\_\_\_\_  \_\_\_\_\_  \_\_\_\_\_

6. \_\_\_\_\_  \_\_\_\_\_

7.  \_\_\_\_\_

8.  \_\_\_\_\_

9.  \_\_\_\_\_

10.  \_\_\_\_\_

11. \_\_\_\_\_  \_\_\_\_\_

12. What is the phrase?

\_\_\_\_\_

