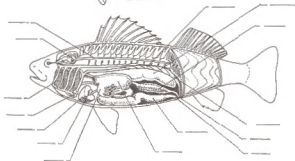


STRUCTURE OF A BONY FISH

Name _____

Label the following parts of a fish on the diagrams below of the external and/or internal structure.

- | | | | |
|----------------|-------------------|-----------------------|------------------|
| a. gills | h. lateral line | o. stomach | u. anus |
| b. brain | i. operculum | p. heart | v. ovary/testis |
| c. spinal cord | j. gill filaments | q. kidney | w. pyloric caeca |
| d. swimbladder | k. mouth | r. gall bladder | x. pectoral fin |
| e. dorsal fins | l. intestine | s. urinary bladder | y. eyes |
| f. caudal fin | m. pelvic fin | t. urogenital opening | |
| g. anal fin | n. liver | | |



THE FROG—PART I

Name _____

Digestive System

Label the following parts of the digestive system of a frog.

- a. mouth
- b. esophagus
- c. liver
- d. gall bladder
- e. pancreas
- f. stomach
- g. small intestine
- h. large intestine
- i. cloaca
- j. anus



Skeletal System

Label the following parts of the skeletal system of a frog.

- a. skull
- b. shoulder blade
- c. collarbone
- d. humerus
- e. radio-ulna
- f. vertebrae
- g. breastbone
- h. pelvic girdle
- i. femur
- j. knee
- k. fibio-fibula
- l. ankle bone
- m. bones of feet



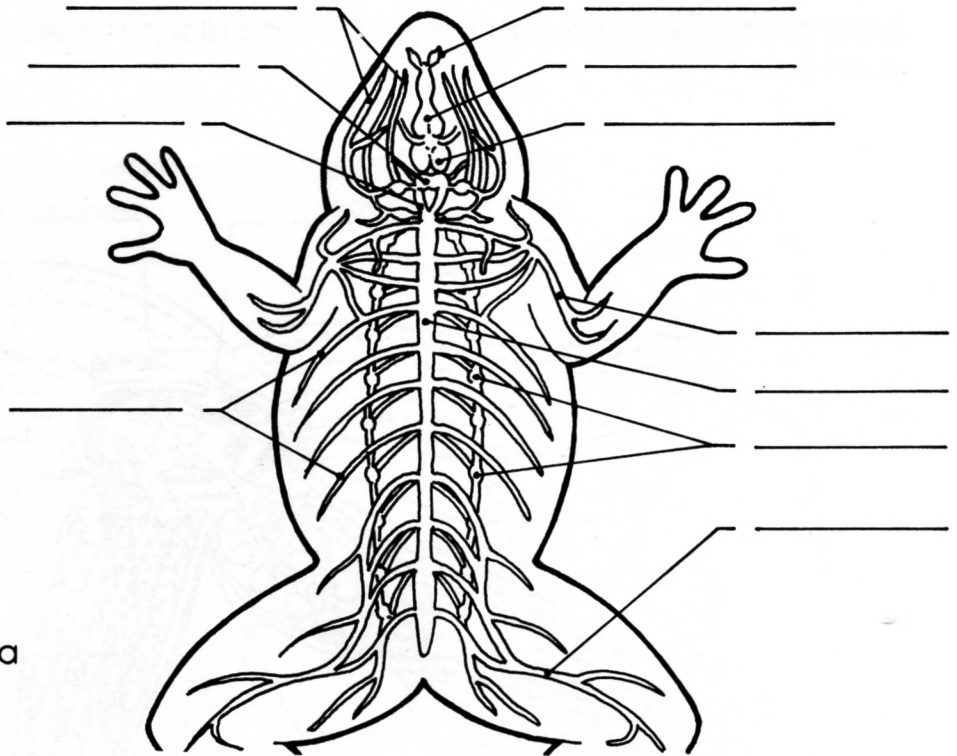
THE FROG—PART II

Name _____

Nervous System

Label the following parts of the nervous system of a frog.

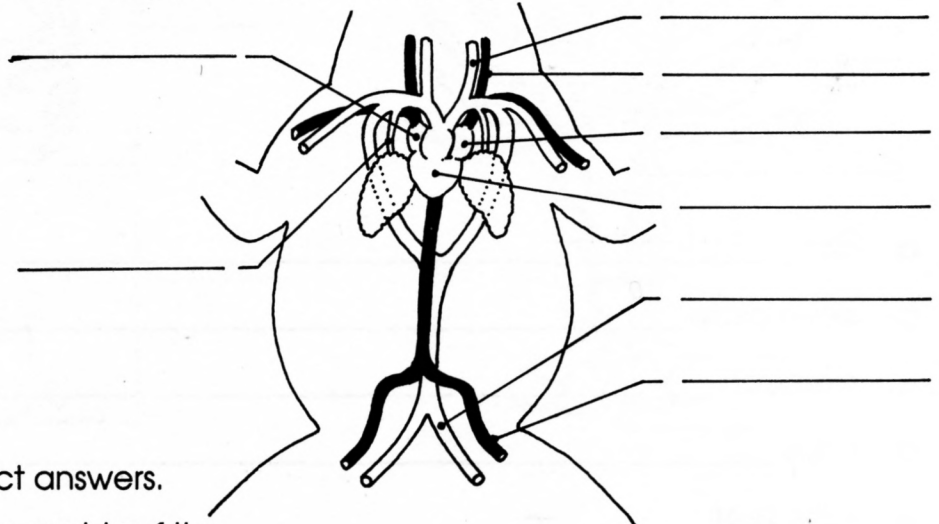
- olfactory lobe
- cerebrum
- optic lobe
- cerebellum
- medulla oblongata
- cranial nerves
- spinal cord
- spinal nerves
- brachial nerve
- sciatic nerve
- chain of autonomic ganglia



Circulatory System

Label the following parts of the circulatory system of a frog.

- left atrium
- right atrium
- ventricle
- pulmonary artery
- vein from head
- artery to head
- vein from leg
- artery to leg



Fill in the blanks with the correct answers.

The nervous system of the frog consists of the _____, _____ and nerves. The _____ lobes lie at the anterior end of the brain. Behind these are the lobes of the _____. Next are the _____ lobes, behind which are the _____ and _____.

The heart of a frog, unlike the heart of a human, has _____ ventricle. Blood flows from the left _____ to the ventricle, around the body and back to the _____ atrium. From there, it flows to the _____ and then to the left _____.

UROGENITAL SYSTEM OF A FROG

Name _____

Label the following parts of the urinary and reproductive systems of a female frog.

- a. fat bodies
- b. oviduct
- c. egg mass
- d. adrenal gland
- e. ureter
- f. uteri
- g. kidney
- h. cloaca
- i. urinary bladder



Label the following parts of the urinary and reproductive systems of a male frog.

- a. fat bodies
- b. testes
- c. adrenal gland
- d. ureter
- e. vestigial oviduct
- f. kidney
- g. cloaca
- h. urinary bladder



Fill in the blanks with the correct answers.

In the female, in the spring the _____ become large with _____.
When the eggs are laid, they travel through the _____ into the _____.
The male deposits _____, which are produced in the _____ and travel out the _____, over the _____ as they are being laid in the water.