



Fish anatomy

Name: _____

Match the correct body part to the definition:

- Swim bladder
- Heart
- Gills
- Gonads
- Brain
- Spine
- Scales
- Pectoral fins
- Liver

- a. Extracts oxygen from the water so the fish can respire: _____
- b. A hollow, gas-filled sac that keeps the fish buoyant in the water:

- c. Pumps blood to the gills and around the body: _____
- d. Reproductive organs of the fish: _____
- e. Controls the nervous system of the fish: _____
- f. Provides support to the body, protection to the brain and an attachment place for muscles: _____
- g. Serve as a protective covering against bacterial infection: _____
- h. Used individually to turn the fish in either direction or control up and down movement: _____
- i. Aids in digestion and is also a storage area for fats, blood sugars and vitamins:

Short answer

Describe the circulatory system in a bony fish

How do fish living in salt water maintain water balance through osmoregulation?

Is a fish an ectotherm or endotherm? What does this mean?
