

Name: _____

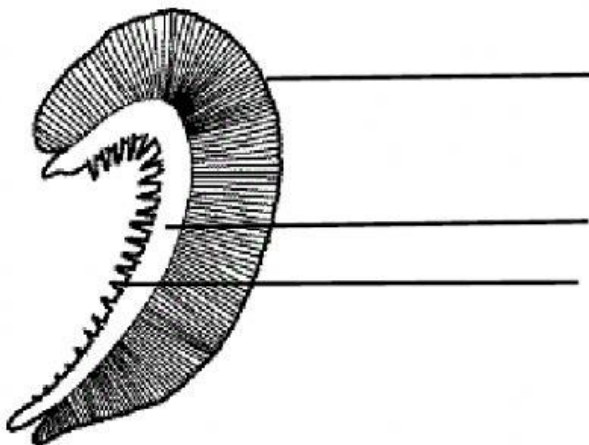
Topic: Respiration

About the gills of fishes

Fill in the blank spaces with the correct word or phrase. Remember that spelling is important.

Fish gills are organs that allow fish to breathe while _____. Most fish exchange gases like _____ and carbon dioxide using gills that are protected under gill covers called _____ on both sides of the pharynx (throat). Gills are tissues that are like short threads, protein structures called _____. These filaments have many functions including the transfer of ions and water, as well as the exchange of oxygen, _____, acids and ammonia. Each filament contains a _____ network that provides a large surface area for exchanging oxygen and carbon dioxide.

Label the parts of the fish gill below.



Match the correct parts of the fish gill to their correct functions by placing the associated letter next to the part .

Parts of a fish gill	Function
1. Gill filament _____	a. to protect the gill from large debris and to trap food
2. Gill bar _____	b. responsible for absorbing oxygen and expelling carbon dioxide
3. Gill raker _____	c. cartilaginous support for the tissue between the gill slits