

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

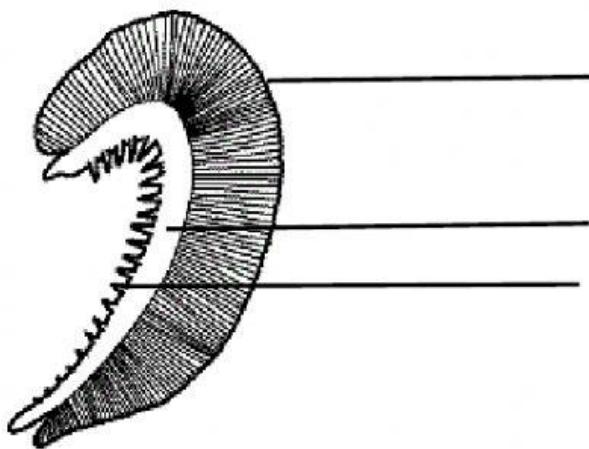
Topic: Respiration

### 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 .**

<b>Parts of a fish gill</b>	<b>Function</b>
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