

Study guide for chapter 17

Definitions: gills, mammary glands, lungs, vertebrae, endotherms, ectotherms, vertebrates, invertebrates, nervous system, notochord, placenta

You need to know:

What is the deal with sponges? Why are they classified as animals?

What characteristics make an animal an animal?

What is the simplest animal that demonstrates bilateral symmetry?

Know three animals from the mollusca phylum, three animals from the arthropod phylum.

Know the attributes of the phylum mollusca and arthropod phylum.

Know the 5 classes of vertebrates!

What are the three types of fish?

What are three important adaptations of birds?

Know the 4 types of tissue from the lab and from your book and be able to draw them.

Know the 3 types of symmetry and be able to draw them and give an example of an animal that demonstrates it.

What three characteristics make mammals unique?

What two characteristics separate amphibians from reptiles?

Know the anatomy of a squid from the lab.

What is a lateral line and what does it do?