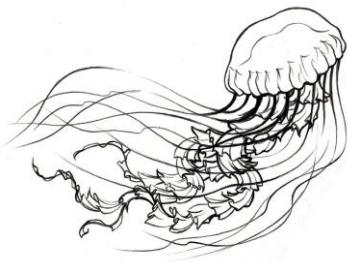


## Study Guide Chapter 18



Ingestion

Gastrula/ blastula

Protostome/ deuterostome

Bilateral, radial symmetry

Gastrovascular cavity/ Alimentary canal

Porifera, collar cells, pores and osculum

Cnidaria, tentacles with cnidocytes, medusa, polyp

Platyhelminthes, cephalization, nerve ganglia,

Nematoda, cuticle, cylindrical and tapered at both ends

Mollusca, gill, radula, foot, mantle

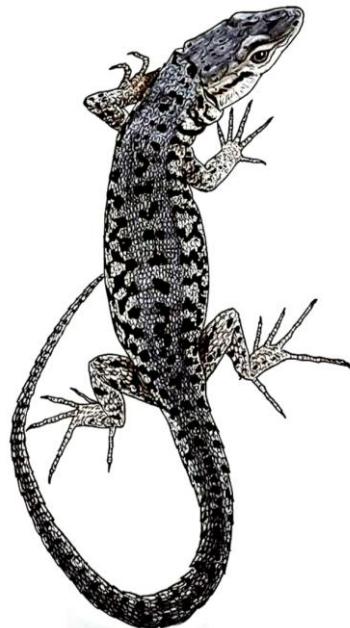
Annelida, segmentation, setae (bristles)

Arthropoda, jointed exoskeleton, molting

Echinoderms, water vascular system, tube feet, endoskeleton

Chordata, notochord, dorsal hollow nerve cord, pharyngeal gill slits, post anal tail

vertebrate/ invertebrate



### Chapter 18 Concepts

1. Describe the characteristics of the kingdom Animalia; how are they different from the fungi and plants? What do they share in common with the fungi and plants?
2. Describe five key transitions in body plan that have evolved in the kingdom Animalia.
3. Compare and contrast a lizard to a sponge. Give 4 points of similarity and 4 points of difference.

