Answer Key

Worms, Mollusks, Arthropods and Chordates

Review Questions

1. List and describe the four parts of the mollusk body plan.

Foot

Shell

Visceral mass

Mantle

1. How is the process of molting related to growth in arthropods?

As the arthropod grows, the exoskeleton cannot grow with it. When the arthropod is too big for its shell it will shed it.

1. Describe four characteristics of chordates.

Tail

Pharyngeal pouches

Notochord

Dorsal hollow nerve cord

1. Name the three types of mammals with an example of each.

Monotremes- egg laying mammals, platypus

Marasupials- mammal that gives birth to young early in its development and the young will finish its development in an external pouch, kangaroo

Placental Mammals- Mammals that undergo complete development within its parent through the use of a placenta. Placenta is used for exchange of nutrients and wastes between mother and its young., Human