# Chapter 12: Invertebrates

## 12A (from text)

1.

2.

3.

4.

## 12B

2. How and what do sponges eat?

3. How does water move through a sponge’s central cavity?

7. Where do jellyfish digest their prey?

10. List three cnidarians other than jellyfish.

## 12C

5. How does a planarian eat?

6. Planarians reproduce asexually by \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

10. List three types of parasitic worms.

## 12D

1. Earthworms are classified in the phylum \_\_\_\_\_\_\_\_\_\_\_\_\_\_
2. Name three segmented worms besides earthworms.

6. Why is the earthworm called the “intestines of the soil?”

9. How does an earthworm breathe?

What is the difference between closed and open circulatory system?

## 12E

Name four kinds of mollusks.

Do all mollusks have shells?

Name three kinds of echinoderms.

What are several attributes of echinoderms?

## 12F (from text)

1.

2.

3

7.

10.

## 12: Vocabulary

Radial symmetry v. bilateral symmetry

Closed vs. open circulatory system

Complete vs. incomplete metamorphosis

Invertebrate

Filter feeder

Nymph

Molting

Exoskeleton

Nematocyst

Spiracles

Porifera

Cnidaria

Platyhelminthes

Nematoda

Annelida

Mollusca

Echinodermata

Arthropoda