Name
lum Mollusca.
Coelomates Pseudocoelomates entirely within mesodeim
entirely within mesodeim)
ed lorval stage of mollusks
mon ancester
not terrestrial environments.
Radial
definitions.
rd covering made of calcium carbonate.

Mollusks (p. 642 – 650

I. A True Coelom

- 1. Snails, clams, and octopuses make up the phy-
- 2. What type of body plan do mollusks have?

Circle One:

3. Define the term trochophore



Trochophore - free-swimming, cities

4. Mollusks inhabit marine and freshwater, but

Circle One:

True

False

II. Key Characteristics Of Mollusks

1. Which type of symmetry do mollusks exhibit?

Circle One:

Bilateral

2. Match the anatomical terms with the correct



- Visceral Mass

 Mantle
- E. Foot
- Shell
- C. Radula

- A. Ha
- B. Fold of tissue that cover most mollusk bodies.
- C. Tongue-like organ with razor-sharp teeth.
- D. Central section that contains mollusk organs.
- E. Primary means of mollusk locomotion.
- 3. Mollusks have segmented bodies.

Circle One:

True

False

4. Circle the letter of the sentence that is false about mollusks.



- a. Mollusks have a one-way digestive system.
- b. Nephridia are excretory organs of mollusks that reabsorb sugars, salts, and water.
- . At mollusks have a three-chambered heart and an open circulatory system.
 - d. Most mollusks have some form of gills, except snails, which have a primitive lung.
 - e. Most mollusk species reproduce sexually with separate sexes.

III. Body Plan Of Mollusks

1. What does the word gastropod mean? (Not in the book.)



2. List four examples of gastropods.

1. <u>Sneils</u> 2. <u>Slugs</u> 3. <u>Nudibranches</u> 4. <u>Sen Hares</u>

	Name
	3. What types of habitats do gastropods inhabit? Merine Freshwater, Terrestria. 4. Gastropods do par have shells.
	Circle One: True False
	4. What type of foot do gastropods have? Flat muscular feet on ventral
	1×v(
142	5. Identify gastropods with the following feeding styles.
6.647	Herbivore: $\frac{Snails}{S}$
	Carnivore: Sea Slugs, Whelks, Oysters, Cone Shell
0-1	6. List four examples of bivalves.
Pelecypods)	1. Clams 2. Oysters 3. Mussels 4. Scalleps
	7. What types of habitats do bivalves inhabit? Marine (Some freshwater)
	8. Define the term adductor muscles.
	Adductor Muscles - thick muscles that connect valves
	9. Circle the letter of the sentence that is false concerning bivalves.
p.647	 a. Bivalves have two-part hinged shells. b. Bivalves do not have a distinct head region or any form of brain. c. Most bivalves are filter feeders. d. Bivalves possess a muscular, spade-like foot that helps them burrow into mud.
	10. Define the term siphons.
	Siphons - hollow tubes that more water in tout of mollushs (water passes over gills)
648	11. How do pearls form?
	11. How do pearls form? - Grin between mentle + shell and covered in nacre 12. What does the word cephalonod mean? (Not in the book)
	12. What does the word cephalopod mean? (Not in the book)
	He-d- Foot"
	13. List four examples of cephalopods.
p. 649	1. Octopuses 2. Squids 3. Cuttlefish 4. Nantiluses
	14. Most cephalopods lack external shells.
	14. Most cephalopods lack external shells. Circle One: False Vantilus—only living shelled
	15. What type of foot do cephalopods have? Tentacles or arms
	16. Circle the letter of the sentence that is <u>false</u> concerning cephalopods.
	a. Cephalopods are the most intelligent invertebrates.
	b. Cephalopod eyesight is much poorer than vertebrate vision.

c. When threatened, squids and octopuses use jet propulsion and ink discharge to escape.

d. Cephalopods are active, marine predators.