name	Date		
Skills Worksheet			
Directed Readin	16		
Directed Reduin	18		
Section: Mollusks			
Complete each statement by w provided.	vriting the correct term or phrase in the space		
1. Mollusks and annelids wer	Mollusks and annelids were probably the first organisms to develop a(n)		
2. Mollusks and annelids have	ve a larval stage called a(n)		
•	your answer in the space provided.		
3. What is one of the evolution	onary advantages of having a true coelom?		
4. What are the characteristic	cs of a trochophore?		
In the space provided, write the term or phrase.	ne letter of the description that best matches the		
5. visceral mass	a. tonguelike organ located in the mouth		
6. mantle	b. muscular region used primarily for locomotion		
7. foot	c. tubular structures used to recover useful		
8. radula	materials from coelomic fluid before fluid waste is discharged		
9. nephridia	d. central section containing organs		
	e. heavy fold of tissue that forms the outer		

layer of the body

Name	Class	Date	
In the space provided, write the letter of the description that best matches the term or phrase.			
11. nudibranchs12. bivalves	b. class of mollus clams, and sca	sks that includes oysters, allops	
13. adductor muscles	c. class of mollus slugs	sks that includes snails and	
14. siphons15. cephalopods	d. hollow tubes ufrom gills	used to carry water to and	
	e. class of mollusks that includes squids and octopuses		
	f. sea slug, a type	e of gastropod	

Answer Key

Directed Reading

SECTION: MOLLUSKS

- 1. true coelom
- 2. trochophore
- **3.** The advantage of having a true coelom is that the gut and other internal organs are suspended from the body wall and are cushioned by the fluid within the coelom.
- **4.** The trochophore is a free-swimming larva that propels itself through the water by movement of cilia on its surface.
- **5.** d
- **6.** e
- **7.** b
- **8.** a
- **9.** c
- **10.** c
- **11.** f
- **12.** b
- 1**2.** D
- 13. a14. d
- -- u
- **15.** e

SECTION: ANNELIDS

- **1.** e
- **2.** a
- **3.** f
- **4.** c
- **5.** d
- **6.** b
- **7.** Annelids have a circulatory system, which transports nutrients and other materials between segments.
- **8.** Each segment contains digestive, excretory, circulatory, and locomotor organs. Some segments are specialized for functions such as feeding.
- **9.** Annelids were the first animals to evolve with a body plan based on repeating body segments. Mollusks do not have segmented bodies.
- 10. Polychaeta
- 11. parapodia
- **12.** tube
- **13.** jaws
- 14. Oligochaeta

- 15. parapodia, setae
- **16.** head
- 17. gizzard
- 18. castings
- 19. hydrostatic
- 20. circular, longitudinal
- 21. Hirudinea
- 22. setae, parapodia
- 23. segments

Active Reading

SECTION: MOLLUSKS

- 1. a. mantle
 - **b.** mantle cavity
 - c. visceral mass
 - d. foot
- 2. foot
- 3. visceral mass
- 4. mantle
- **5.** a

SECTION: ANNELIDS

- digestive, excretory, circulatory, and locomotor
- **2.** It provides information about the meaning of the word that precedes it—locomotor.
- **3.** reproduction, feeding, or sensation
- **4.** b

Vocabulary Review

- 1. trochophore
- 2. visceral mass
- 3. mantle
- 4. foot
- **5.** radula
- 6. nephridia
- 7. adductor muscles
- **8.** siphons
- **9.** cerebral ganglion
- **10.** septa
- **11.** setae
- **12.** parapodia