

CHAPTER 16, The Endocrine System and Reproduction (continued)

SECTION 16-2 The Male and Female Reproductive Systems

(pages 527-532)

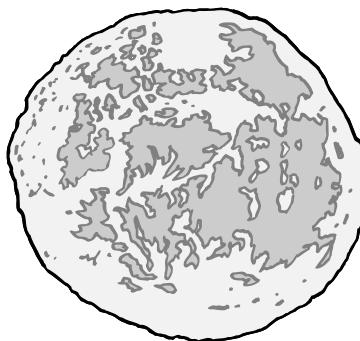
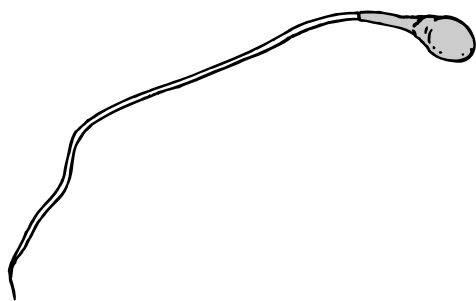
This section describes the structures and functions of the organs in the male and female reproductive systems. It also explains the events in the menstrual cycle.

► Sex Cells (pages 527-528)

Match each key term with its definition.

Terms	Definitions
_____ 1. egg	a. The male sex cell
_____ 2. sperm	b. A fertilized egg
_____ 3. fertilization	c. The joining of a sperm and an egg
_____ 4. reproduction	d. Carries the information that controls inherited characteristics
_____ 5. zygote	e. The female sex cell
_____ 6. chromosome	f. The process by which living things produce new individuals of the same type

7. Identify which is the egg and which is the sperm.



a. _____

b. _____

8. Is the following sentence true or false? A sex cell has the same number of chromosomes as a body cell. _____

► **The Male Reproductive System** (pages 528–529)

9. What is the male reproductive system specialized to produce?
a. _____ b. _____
10. Circle the letter of the organs in the male where sperm are produced.
a. testosterone b. testes c. scrotum d. penis
11. What does testosterone control? _____

12. The testes are located in an external pouch of skin called the
_____.
13. Is the following sentence true or false? Sperm can develop normally only in slightly cooler temperatures than normal body temperature.

14. What does semen provide to sperm?
a. _____
b. _____
15. Semen leaves the body through an organ called the _____.

► **The Female Reproductive System** (pages 530–531)

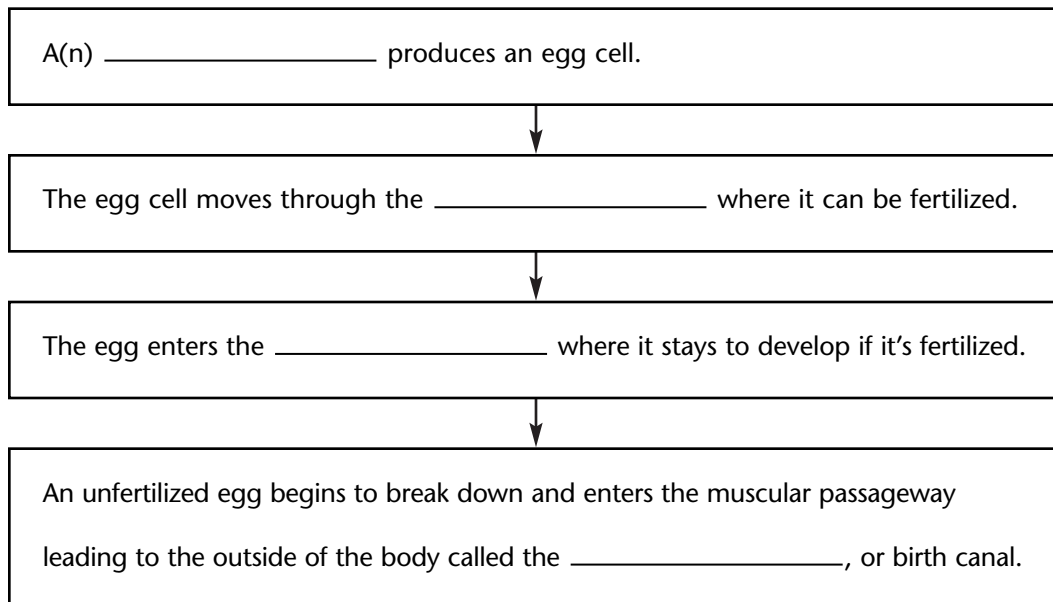
16. What is the role of the female reproductive system? _____

17. What do ovaries produce?
a. _____
b. _____
18. What does estrogen control? _____

CHAPTER 16, The Endocrine System and Reproduction *(continued)*

19. Complete the flowchart to show the path of an egg cell.

Path of an Egg



► The Menstrual Cycle *(pages 531–532)*

20. Circle the letter of how often an egg is released from the ovaries.

- a. daily b. weekly c. monthly d. yearly

21. The monthly cycle of changes that occurs in the female reproductive system is called the _____.

22. What occurs during the menstrual cycle? _____

23. The menstrual cycle prepares the body for _____, the condition that begins after fertilization has taken place.

24. Circle the letter of each sentence that is true about menstruation.

- a. Menstruation lasts about 28 days.
b. Hormones of the endocrine system control the menstrual cycle.
c. All girls begin menstruation at the same age.
d. Women stop releasing eggs from their ovaries at about the age of 50.