

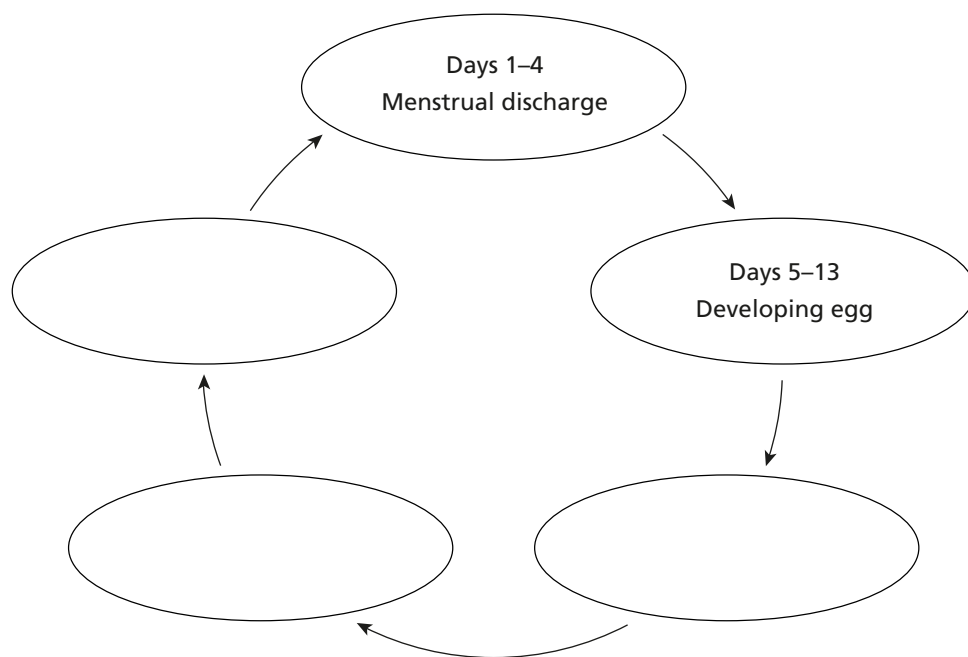
**The Endocrine System and Reproduction** ▪ *Reading/Notetaking Guide*

## The Male and Female Reproductive Systems (pp. 648–655)

*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.*

### Use Target Reading Skills

*As you read, make a cycle diagram that shows the menstrual cycle. Write each event of the process in a separate circle.*



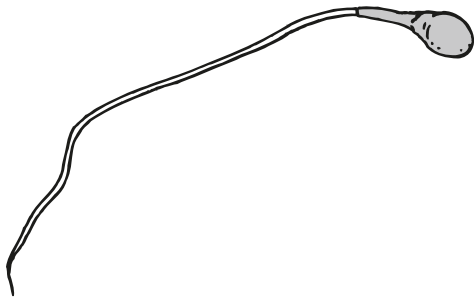
### Sexual Reproduction (p. 649)

Match each term with its definition.

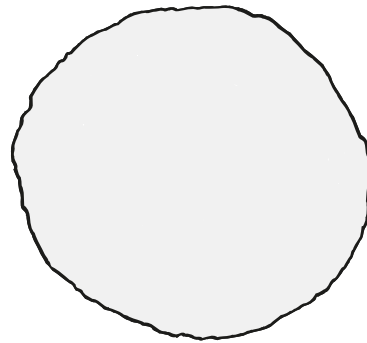
Terms	Definitions
___ 1. egg	a. The male sex cell
___ 2. sperm	b. A fertilized egg
___ 3. fertilization	c. The joining of a sperm and an egg
___ 4. reproduction	d. Carries the information that controls inherited characteristics
___ 5. zygote	e. The female sex cell
___ 6. chromosome	f. The process by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

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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. \_\_\_\_\_

**Male Reproductive System** (pp. 650–651)

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 \_\_\_\_\_.

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**The Male and Female Reproductive Systems** *(continued)*

**Female Reproductive System** (pp. 652–653)

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

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17. What do ovaries produce?

a. \_\_\_\_\_

b. \_\_\_\_\_

18. What does estrogen control?

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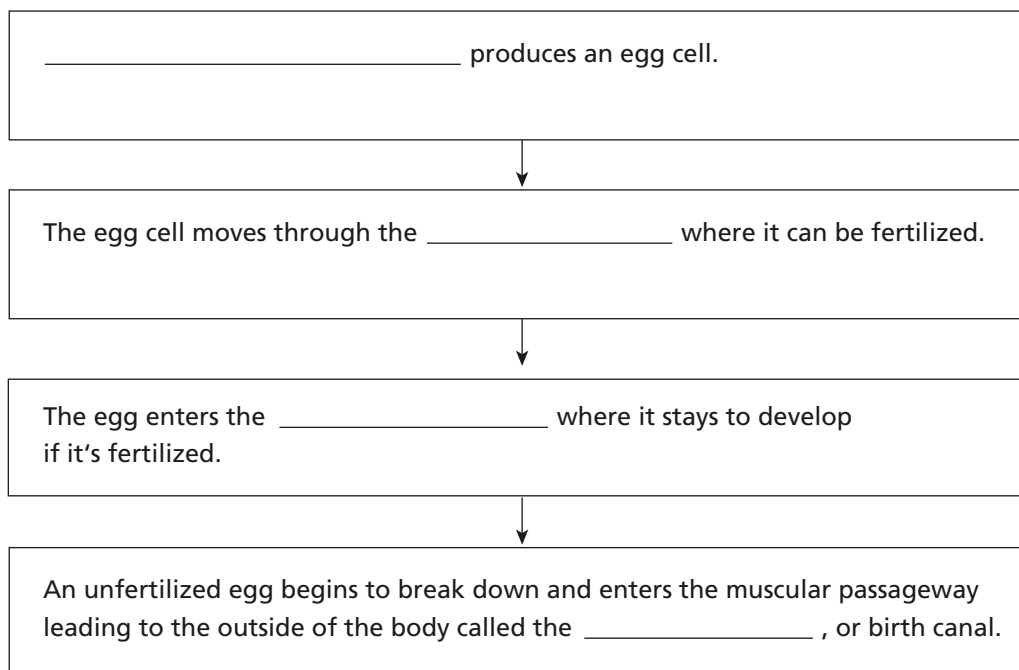
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19. Complete the flowchart to show the path of an egg cell.

**Path of an Egg Cell**



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**The Menstrual Cycle** (pp. 653–655)

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 is a follicle?

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23. What occurs during the menstrual cycle?

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24. The menstrual cycle prepares the body for \_\_\_\_\_,  
the condition that begins after fertilization has taken place.

25. 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.