

SECTION | THE URINARY SYSTEM REMOVES WASTE MATERIALS.
17.3 | Reading Study Guide B

BIG IDEA Systems in the body obtain and process materials and remove waste.

KEY CONCEPT The urinary system removes waste materials.

Review

The digestive system breaks down food.

Take Notes

I. Life processes produce wastes. (p. 614)

1. Fill in the outline with information about how life processes produce waste.

I. Life processes produce waste.

A. The urinary system gets rid of liquid waste from the blood.

B.

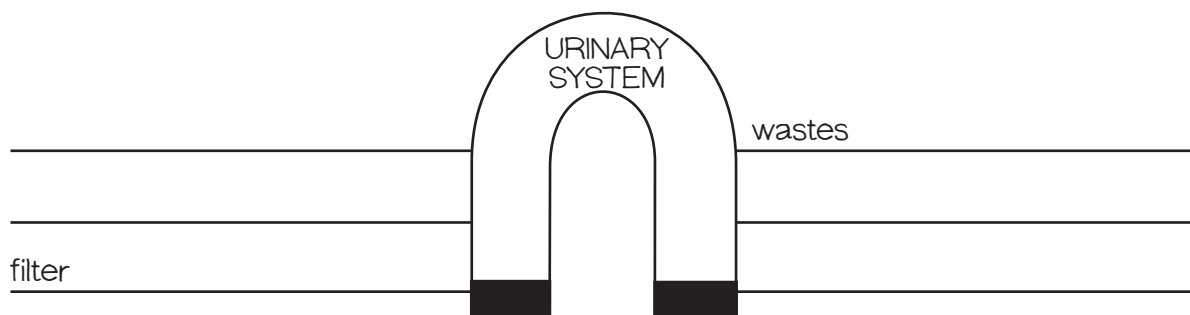
C.

D.

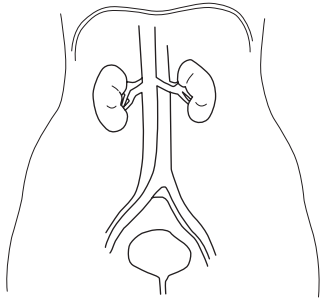
2. How many systems dispose of liquid waste products? How many dispose of solid waste products?

II. The urinary system removes waste from the blood. (p. 615)

3. Fill in the word magnet with information about the urinary system.



4. Draw in the ureters on the diagram below. What do the ureters do?



5. Fill in the outline with details about how the urinary system removes waste.

I. The urinary system removes waste.

A. The urinary system filters the blood.

B. The urinary system contains several structures.

1. The kidneys are the body's filters.
- 2.
- 3.
- 4.

III. The kidneys act as filters. (p. 616)

6. About how long are the kidneys?

A. The Nephron (p. 616)

7. Fill in the outline with details about how the kidneys filter blood.

I. Inside each kidney are about one million nephrons.

A. First, the blood enters through the glomerulus.

B. _____

C. _____

B. Water Balance (p. 617)

8. What role do the kidneys play besides removing wastes from the blood? Why is this role important?
