

Directed Reading A

Section: The Urinary System

- _____ 1. What is *excretion*?
- a. the process of digesting food
 - b. the process of breathing
 - c. the process of removing waste from the body
 - d. the process of adding nutrients to the body
2. What is the urinary system?
- _____

CLEANING THE BLOOD

3. What are two examples of wastes that the urinary system removes from the blood?
- _____

THE KIDNEYS AS FILTERS

- _____ 4. How many kidneys does a person normally have?
- a. one
 - b. two
 - c. three
 - d. four
- _____ 5. Which of the following is the job of the nephrons?
- a. They remove wastes from the blood.
 - b. They produce urea.
 - c. They produce urine.
 - d. They clean the kidneys.
6. What do the kidneys do?
- _____

7. What is urea?
- _____

Directed Reading A *continued*

WATER IN, WATER OUT

- _____ 8. Why do humans sweat?
- a. to cleanse the skin
 - b. to cool the body
 - c. to produce saliva
 - d. to control thirst

9. Why does your body need to excrete as much water as it brings in?

10. What does ADH do?

11. What effect does a diuretic have on your body?

URINARY SYSTEM PROBLEMS

- _____ 12. Kidney stones are made of which of the following substances?
- a. viruses
 - b. waste materials
 - c. ADH
 - d. bacteria

13. How can bacteria get into the bladder and ureters?

14. What can happen if the nephrons are damaged?
