

CHAPTER REVIEW

CHAPTER 12

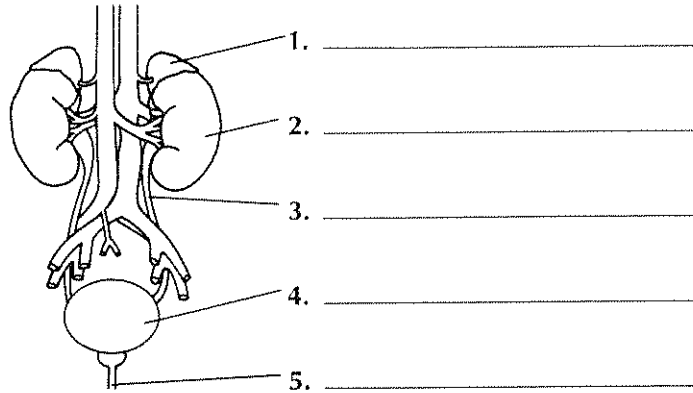
Know the Terms

Place the following labels correctly on the drawing of the human excretory system below.

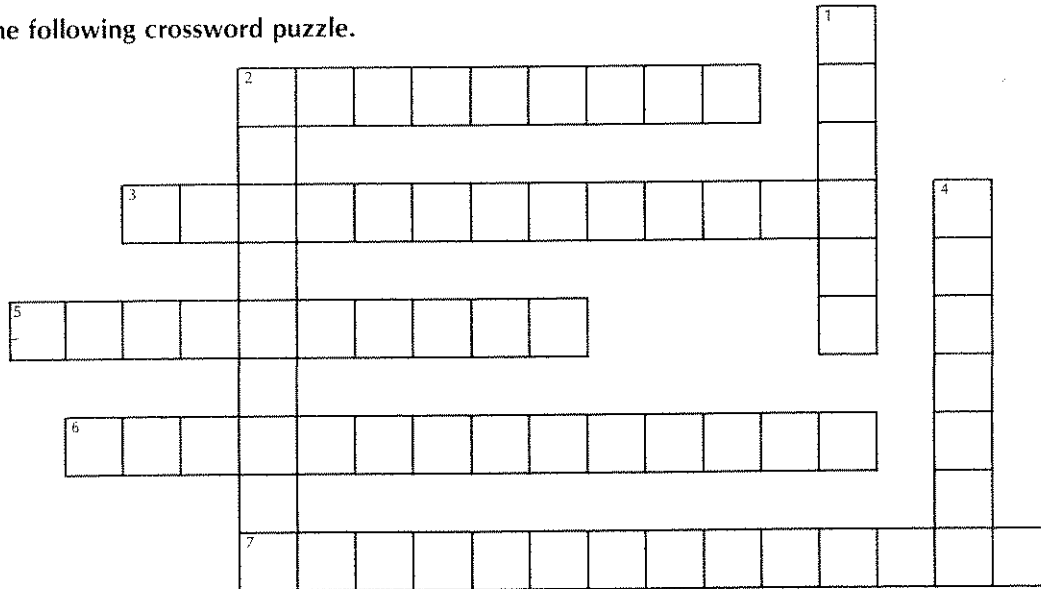
urethra
ureter

urinary bladder
kidney

adrenal gland



Complete the following crossword puzzle.



ACROSS

- 2. Removal of nitrogenous wastes
- 3. System composed of the kidneys, ureters, bladder, and urethra (2 words)
- 5. Capillary bed in Bowman's capsule that removes material from the blood
- 6. Structure in the nephron of the kidney where material is filtered out of the blood (2 words)
- 7. Gland in the skin that produces oily secretions to keep the skin pliable (2 words)

DOWN

- 1. Layer of skin that contains glands, nerves, blood vessels, etc.
- 2. Outer layer of skin
- 4. Individual filtering unit of the kidney

CHAPTER REVIEW

CHAPTER

12

Understand the Concepts

Answer the following questions in one or two sentences.

1. Explain the need for excretion in protists. _____

2. Compare selective reabsorption in the earthworm with that in the grasshopper. _____

3. Explain where nitrogenous wastes come from in humans. _____

4. Describe filtration and the importance of reabsorption. _____

5. How does the excretory system relate to the proper functioning of the rest of the body? _____

6. Why are the lungs and skin considered excretory organs? _____

7. Why is it an advantage to have the kidneys directly connected to the aorta and inferior vena cava? _____

8. What would happen if the kidneys stopped filtering the blood? _____

