

## Urinary System: Anatomy Review

1. Each kidney is surrounded by a/an \_\_\_\_\_ that protects the kidney.
2. List the three regions of the kidney:
  - a. \_\_\_\_\_
  - b. \_\_\_\_\_
3. The renal pyramids are separated by cortex-like tissue called \_\_\_\_\_.
4. Nephrons found in both the renal cortex and the medulla are called \_\_\_\_\_.
5. The structural and functional unit of the kidney is the \_\_\_\_\_.
6. The glomerulus is surrounded by the \_\_\_\_\_ which collects filtrate from the blood.
7. Trace the arterial flow of blood into the glomerulus of the nephron. Start with the interlobar artery.
  - a. \_\_\_\_\_
  - b. \_\_\_\_\_
  - c. \_\_\_\_\_
  - d. \_\_\_\_\_
  - e. \_\_\_\_\_
8. The portion of the renal tubule that lies between the glomerular capsule and the loop of Henle is the \_\_\_\_\_.
9.
  - a. What is the name of the small artery in which blood travels as it enters the glomerulus? \_\_\_\_\_
  - b. What is the name of the small artery in which blood travels as it leaves the glomerulus? \_\_\_\_\_
10. The glomerular (Bowman's) capsule is made of specialized cells called \_\_\_\_\_.