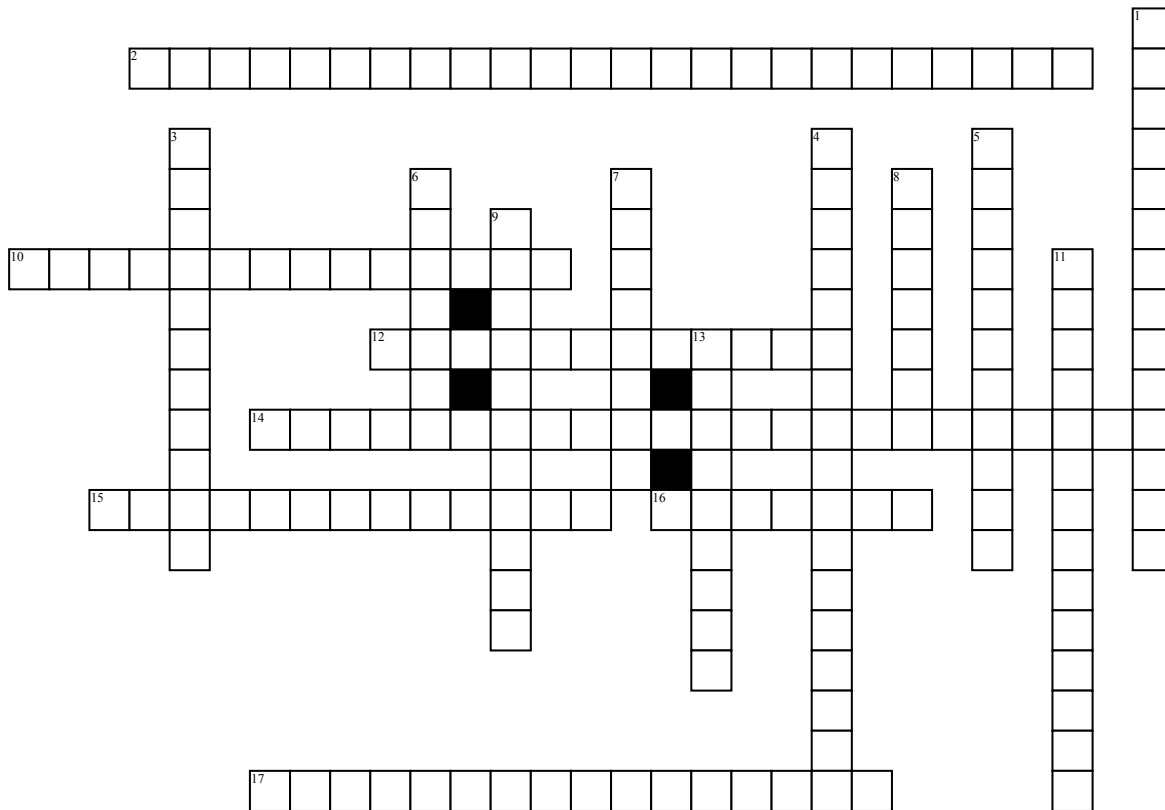


Name: _____

Date: _____

Urinary System



Across

2. Secretes the enzyme renin and the hormone erythropoietin
10. Parts of the urinary system that is responsible for the transport, storage, and elimination of urine include ureters, urethra, and
12. A layer of collagen fibers that covers the outer surface of the entire organ
14. Smooth muscle contractions that moves urine along the tract.
15. It regulates the volume and solute concentration of body fluids

16. The basic functional unit of the kidney is the

17. Each nephron empties into the

Down

1. Contraction of this muscle compresses the urinary bladder and expels urine into the urethra
3. A dense, fibrous outer layer that anchors the kidney to surrounding structures
4. Blood arrives at the glomerulus via the
5. Another name for urination

6. The components of the urinary system that consists of the urethra, ureters and

7. Waste product formed during the recycling of the nitrogenous bases from RNA molecules

8. Expels urine from the body

9. Each kidney receives blood through a

11. A thick layer of adipose tissue that surrounds the renal capsule

13. Urine formation involves filtration, reabsorption and