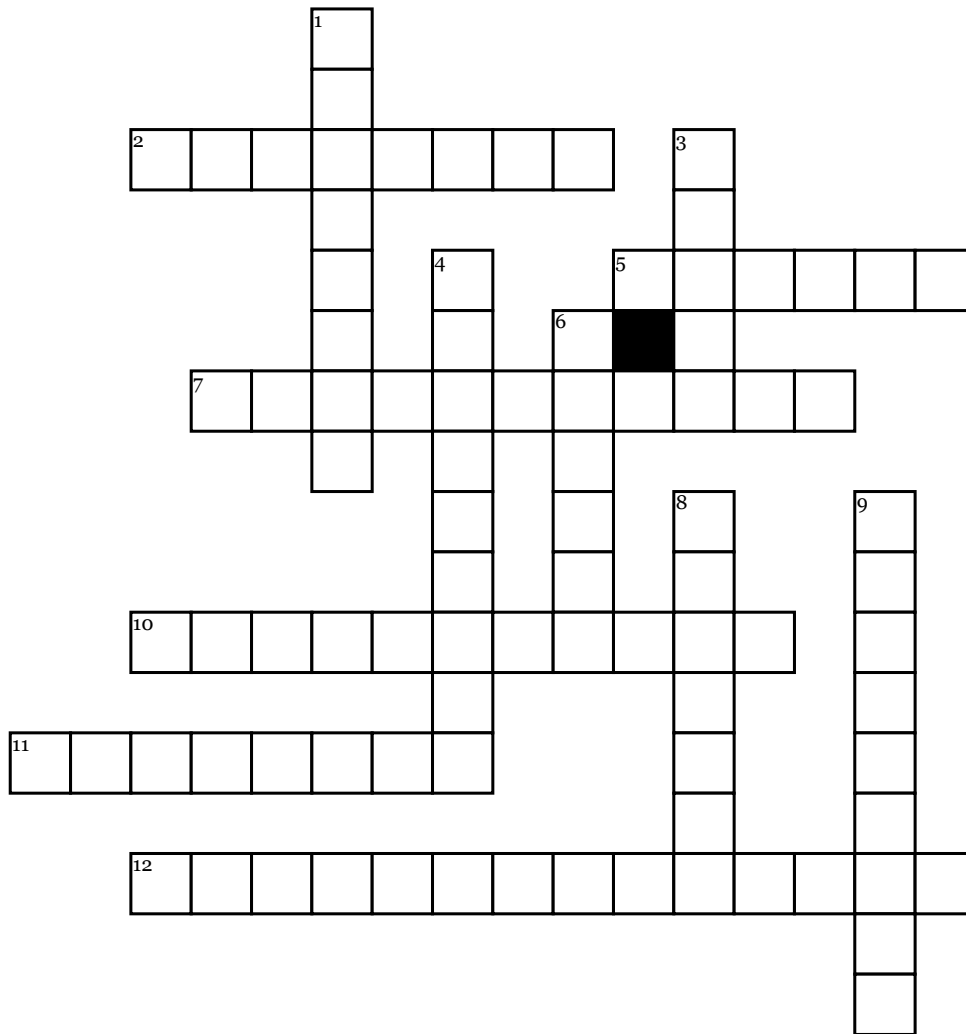


# Urinary System



**Across**

- 2. Filtration of the blood by a machine that acts as an artificial kidney
- 5. pair of kidneys are the central organs of the urinary system
- 7. blood to be filtered enters each kidney

10. water and valuable solutes are reclaimed and returned to the blood through tiny \_\_\_\_\_.

11. The \_\_\_\_\_ is where the blood is actually filtered and urine is formed

12. urine storage until it is expelled through urination

**Down**

1. There are \_\_\_\_\_ of nephrons in a kidney

3. \_\_\_\_\_ is mostly water.

4. Blood pressure pushes water and dissolved \_\_\_\_\_ out of the blood and into the nephron tube

6. urine leaves each kidney

8. tube through which urine is expelled.

9. filtered blood leaves each kidney

**Word Bank**

- |           |             |              |                 |
|-----------|-------------|--------------|-----------------|
| urine     | kidney      | renal artery | urinary bladder |
| ureter    | capillaries | urethra      | nephrons        |
| molecules | dialysis    | millions     | renal vein      |