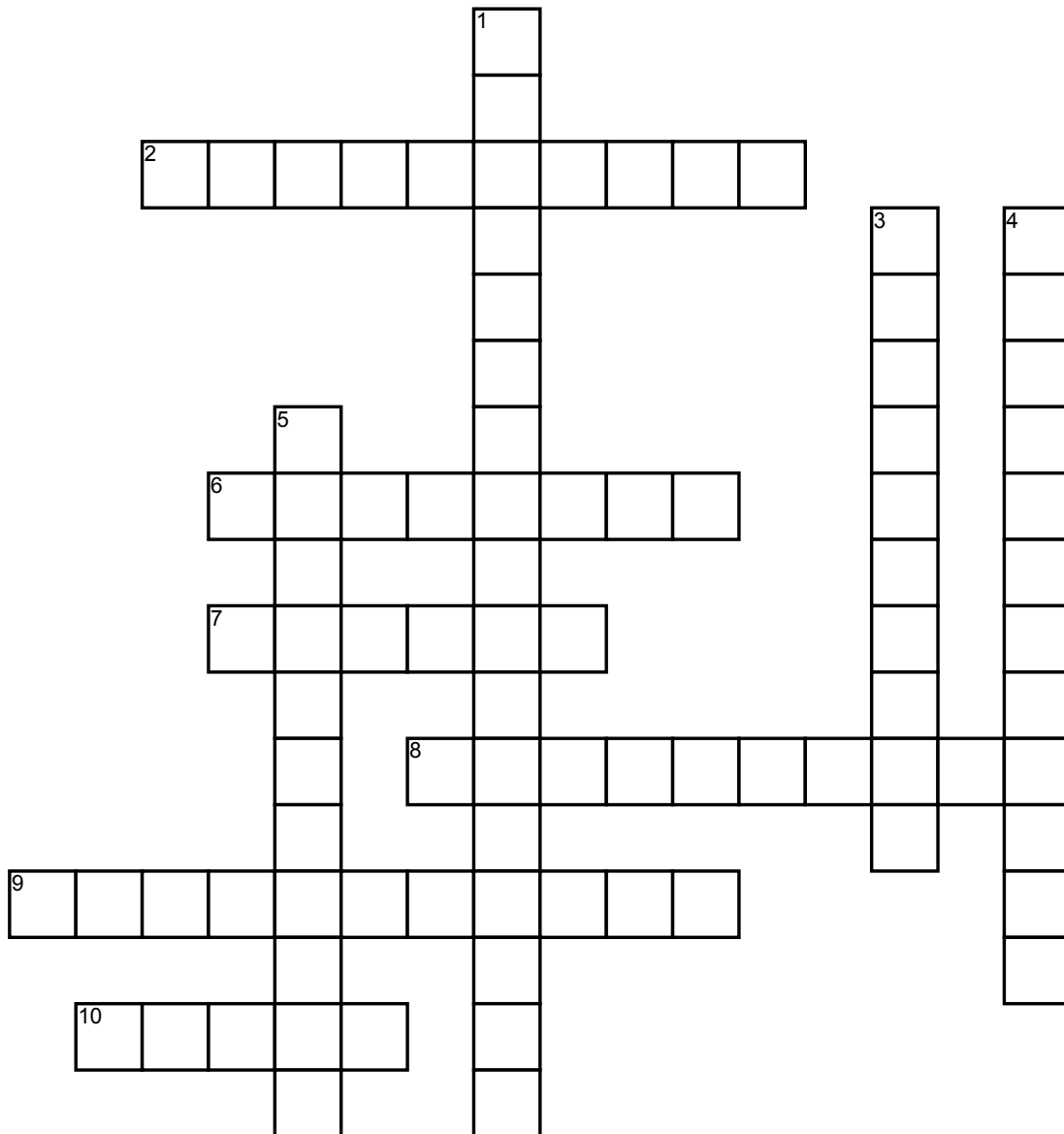


Name: \_\_\_\_\_

# The nervous system



## Across

2. A region of the brain that plays an important role in motor control
6. A regulatory substance produced by glands in multicellular organisms which target distant organs to regulate physiology and behaviour
7. A bundle of fibres in the body that transmit impulses of sensation to the brain or spinal cord
8. its primary role is to provide nerve function to the hand
9. Controls movement of the triceps muscle and wrist extension
10. Control network for the bodies functions

## Down

1. Responsible for the movement in the toe and ankle
3. Carries sensory impulses to the brain and motor impulses from the brain
4. Supplies sensation to the sole of the foot, the ankle, the whole foot and the back of the thigh.
5. The tendency of biological systems to maintain constant conditions in the internal environment, whilst adjusting to changes within or outside the system.