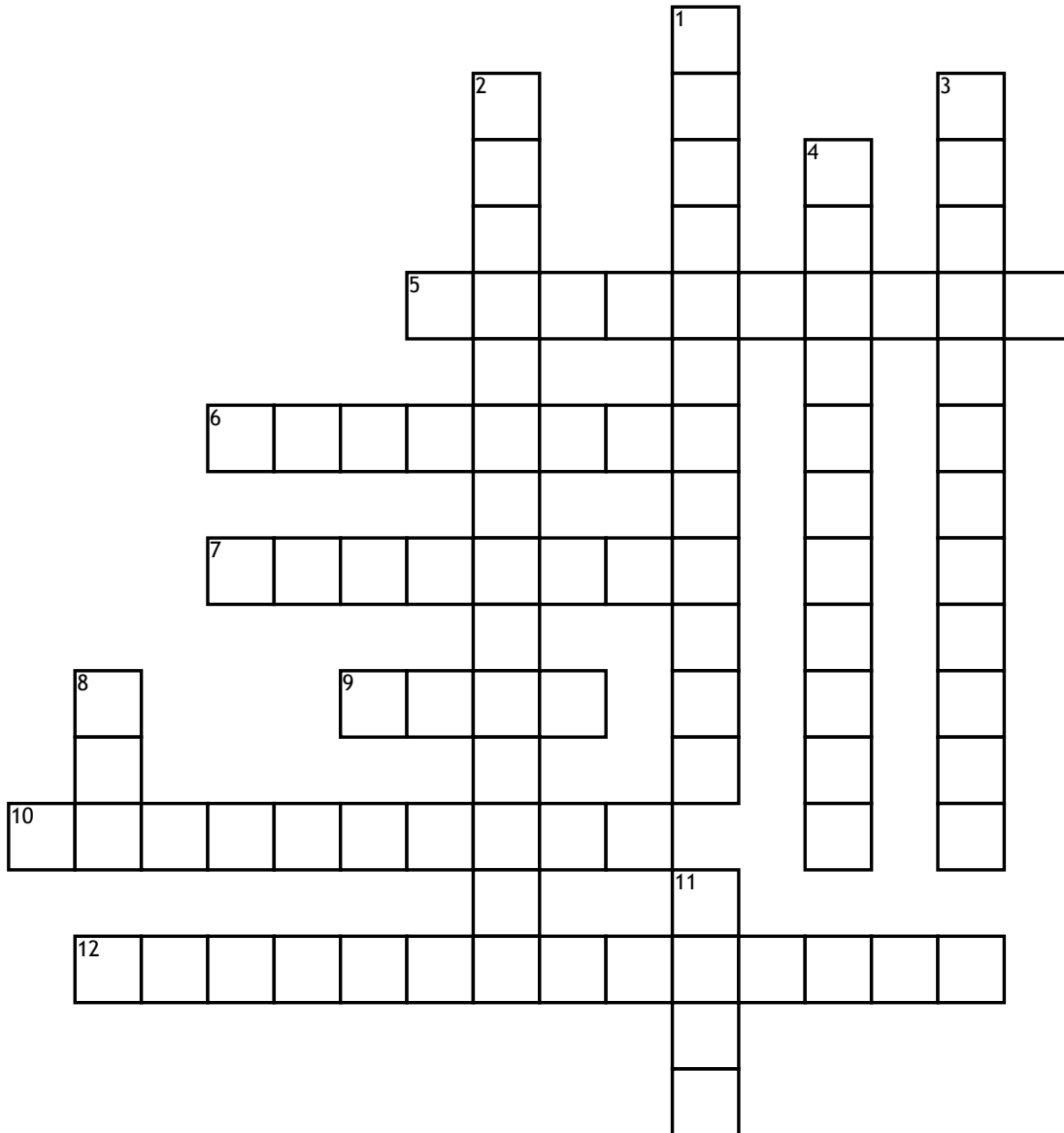


FILL IN THE BLANKS. Complete the crossword puzzle below with the correct terms. (1 pt each term, 12 pts total)



**Across**

- 5. Cerebrospinal fluid-filled spaces inside the brain
- 6. Lobe of the cerebral cortex where the primary auditory cortex is found
- 7. A neurite specialized to receive synaptic inputs from other neurons
- 9. Part of the hindbrain that functions as a switchboard connecting the cerebral cortex to the cerebellum; lies ventral to the cerebellum and the fourth ventricle

- 10. A drug or chemical that can bind to and block a neurotransmitter receptor
- 12. A change in membrane potential from a resting value to a less negative (i.e., more positive) value

**Down**

- 1. Hypersensitivity to pain following injury
- 2. The unmyelinated regions along myelinated axons

- 3. Neurons that exist only within the central nervous system. Functionally, they associate sensory and motor activity within the CNS
- 4. General name for free, unmyelinated nerve endings that act as pain receptors
- 8. The name for the mammalian master clock located in the hypothalamus (the 3-letter abbreviation)
- 11. The chief inhibitory neurotransmitter in the mammalian central nervous system