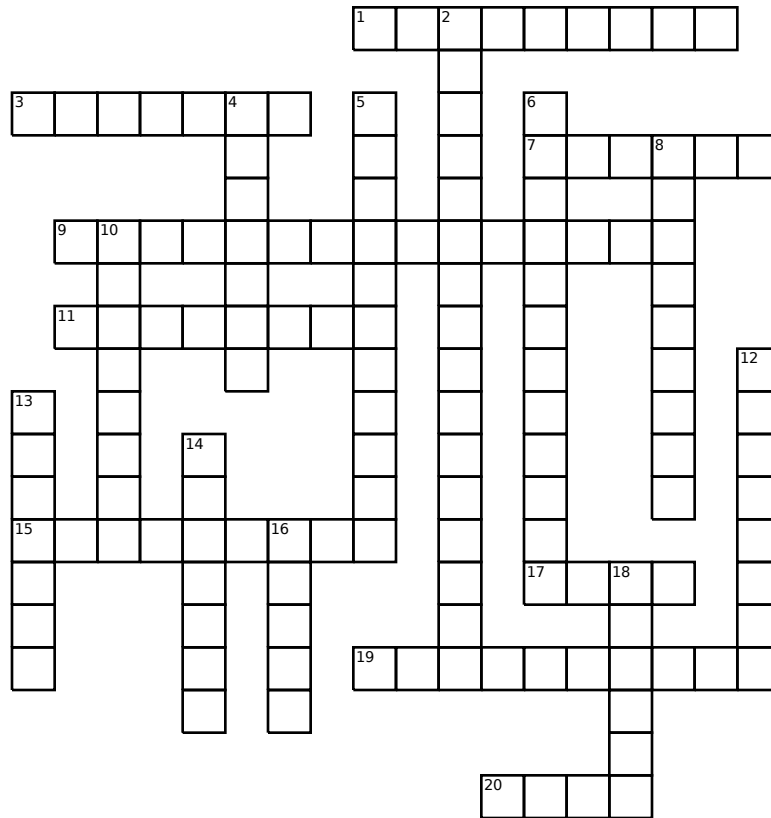


# Neurons and the nervous system

## psychvce



- Across
- 1 the branched extensions of the neuron that receives electrochemical signals
  - 3 the junction between two communicating neurons
  - 7 an electrically excitable cell
  - 9 this subdivision of the nervous system maintains homeostasis
  - 11 a motor message that travels away from the brain
  - 15 this subdivision of the nervous system regulate the activity of the body's internal organs
  - 17 the cell body
  - 19 this division of the nervous system contains all of the neurons outside of the central nervous system
  - 20 conducts an action potential away from the cell body

- Down
- 2 an electrochemical message
  - 4 a type of neuron that conveys afferent signals
  - 5 this subdivision of the nervous system increases the body's arousal when under threat
  - 6 these neurons are only found in the central nervous system
  - 8 are specialised structures found on dendrites that bind with correspondingly shaped neurotransmitters in a 'lock and key' fashion
  - 10 a sensory message that travels towards the brain
  - 12 the axon \_\_\_\_\_ stores neurotransmitters
  - 13 this subdivision of the nervous system has both a sensory and a motor function.
  - 14 this division of the nervous system initiates voluntary responses
  - 16 a type of neuron that conveys efferent signals
  - 18 the fatty substance that surrounds the axon and enhances neurotransmission