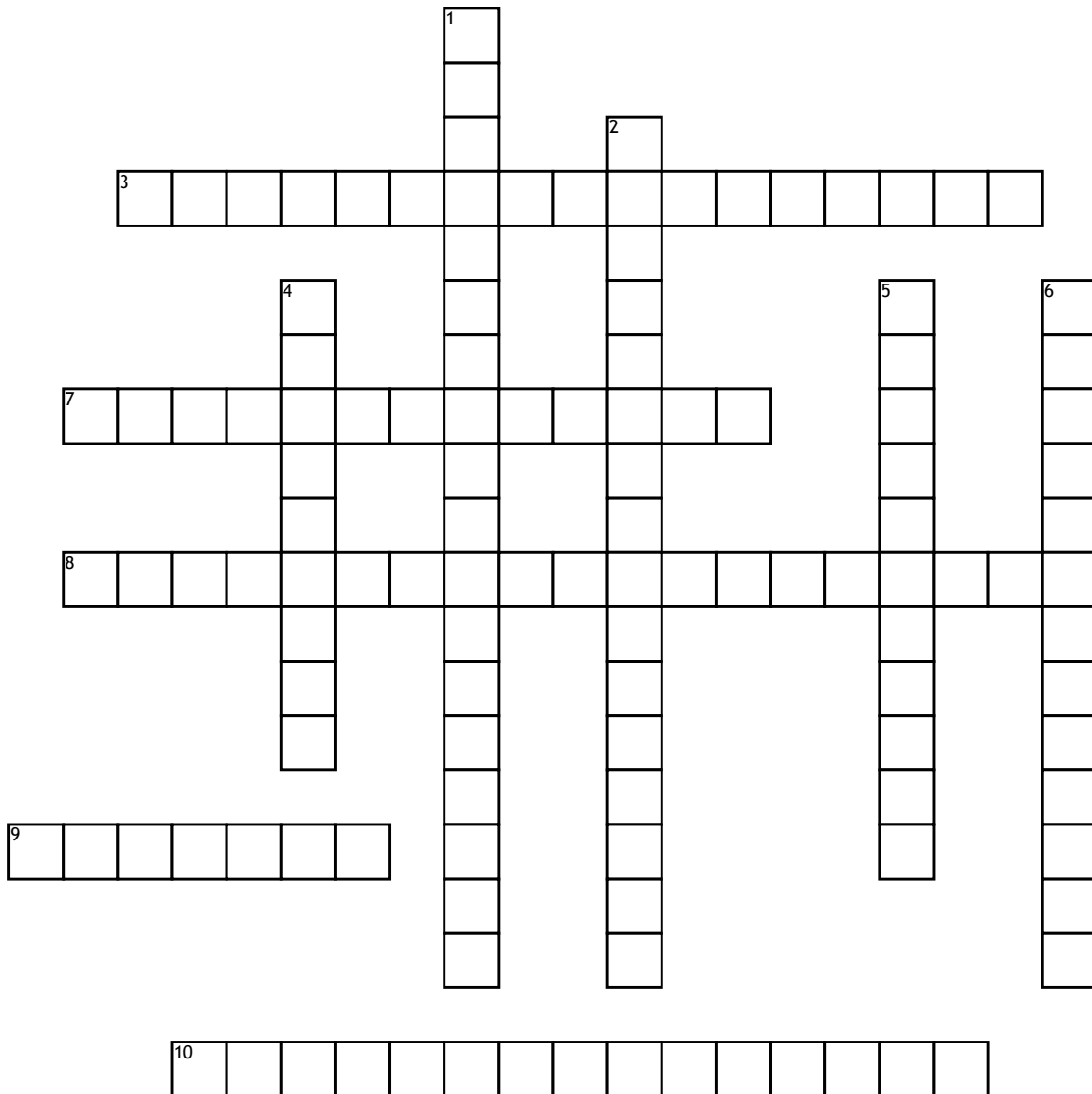


Name: _____

Date: _____

Neuroplasticity; Neurotransmitters and behavior



Across

- 3. the phenomenon when brain area X assumes the functions of brain area Y due to injury
- 7. studied the cortical representation of the hand in eight adult owl monkeys
- 8. conducted a study of the neural mechanisms of romantic love
- 9. a harmless substance with no active effect
- 10. the ability of the brain to change throughout the course of life

Down

- 1. the ability of the neuron to form new synaptic connections and break up the old ones
- 2. chemical messengers
- 4. transplantation of dopamine-producing neurons in the putamen of patients with severe Parkinson's disease results in some clinical benefit in younger but not older patients
- 5. investigated the brains of London taxi drivers, a group chosen for their extensive navigation experience
- 6. a study to find out whether the human brain can really change structure in response to environmental demands