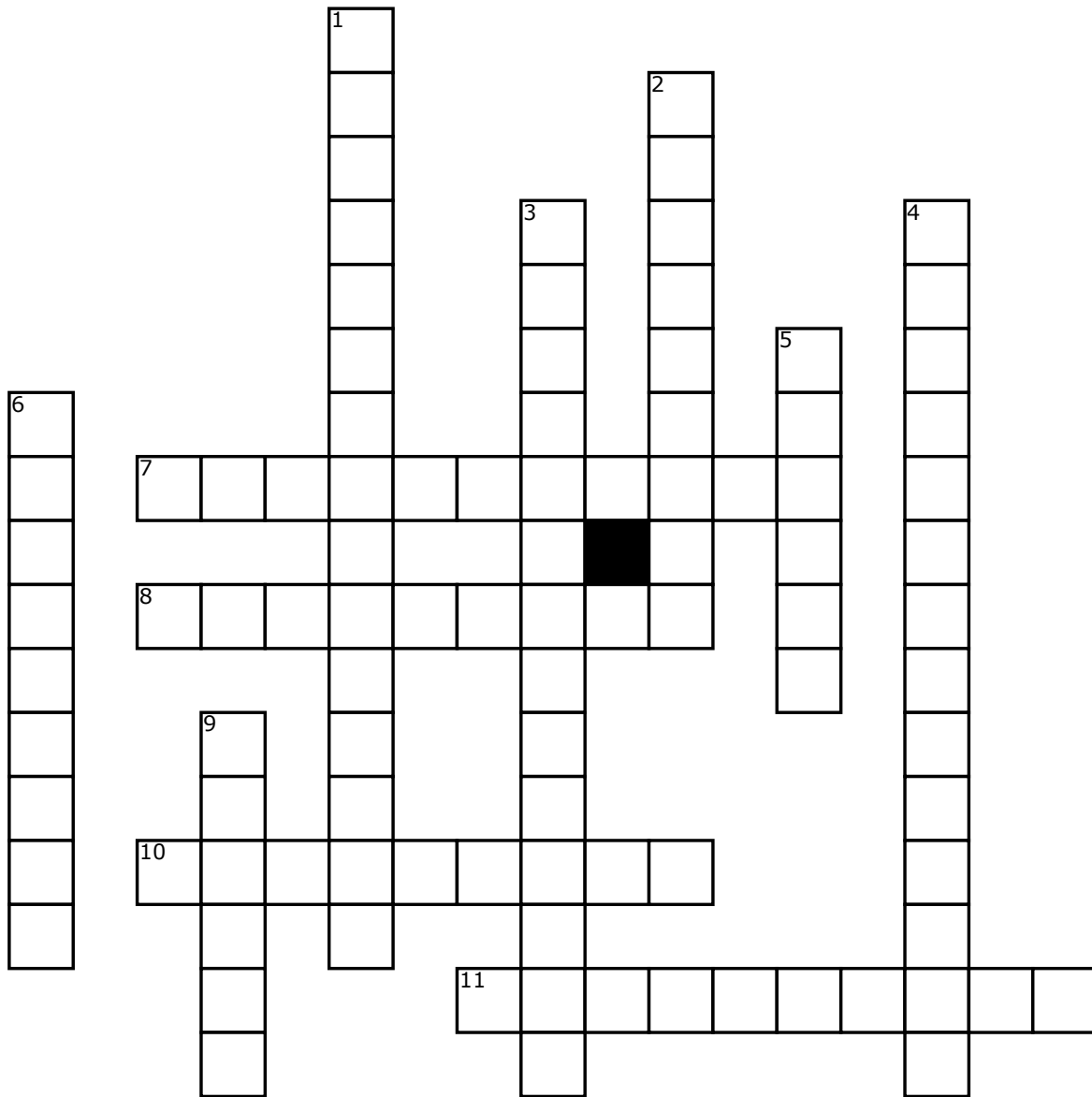


Action Potentials



Across

- 7. When sodium ions diffuse into the neurone, the membrane is
- 8. For an action potential to be reached, _____ must be reached
- 10. At +40mV which channels open?
- 11. The time when another action potential cannot be generated in a neurone is called the _____ period

Down

- 1. When the potential difference across the membrane is +40mV, this is an

- 2. At rest the membrane is said to be _____
- 3. when the neurone becomes too negative compared to the outside (too many potassium ions leave), the membrane is said to be
- 4. After an action potential, potassium ions diffuse out of the neurone causing ...
- 5. At +40mV which channels close?
- 6. -60mV is known as resting _____
- 9. When a neurone is resting, the sodium ion channels are