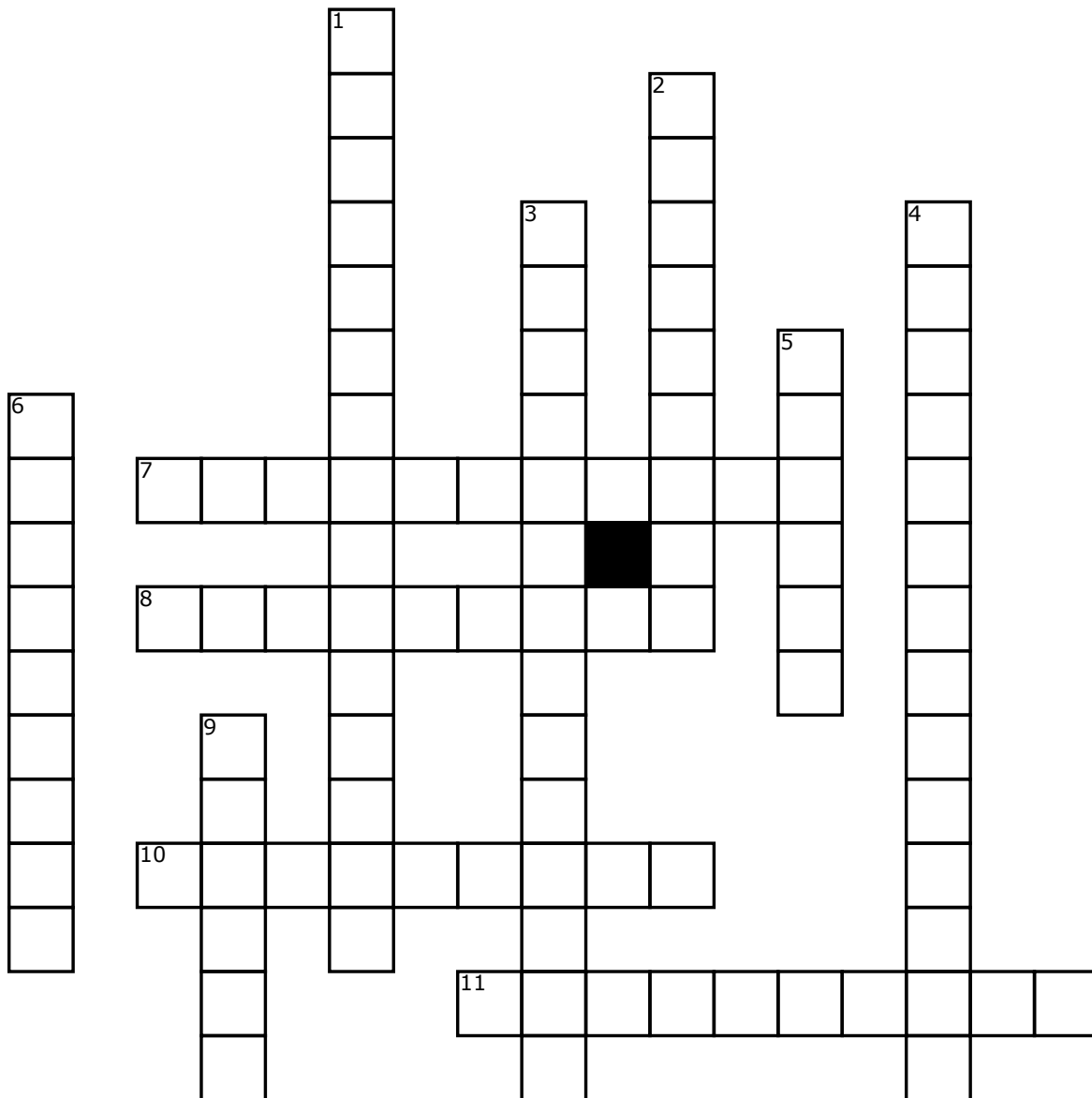


Action Potentials



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