

Nervous System Worksheet

Name: _____

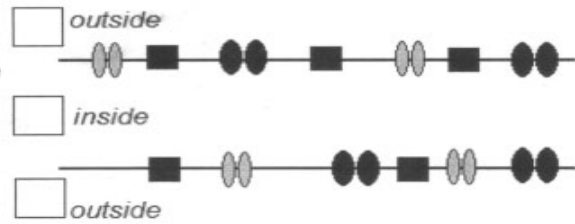
1. Fill in the following step-by-step explanation of an action potential by drawing Na⁺ and K⁺ ions. Fill in the boxes on the left of each diagram with "+" or "-". Put Arrows indicating where ions are moving.

Draw what ions are moving
During this process

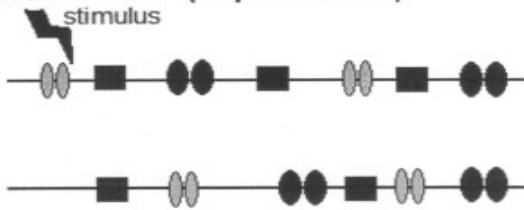
Draw where the ions are
After the process

- K⁺ Channel
- Na⁺ Channel
- Na⁺ / K⁺ Pump

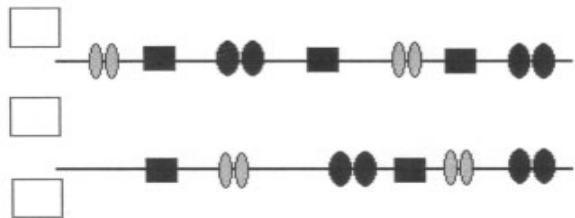
1 Resting Phase



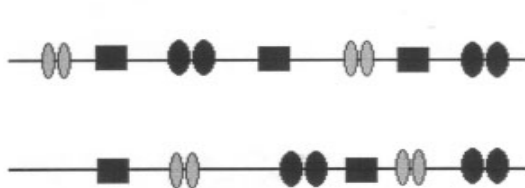
2 Action Potential (Depolarization)



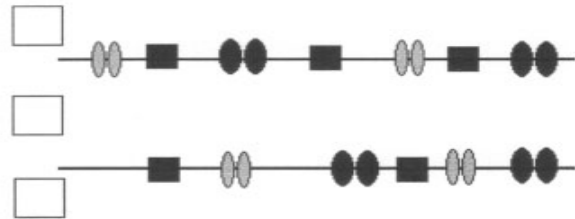
3 Action Potential



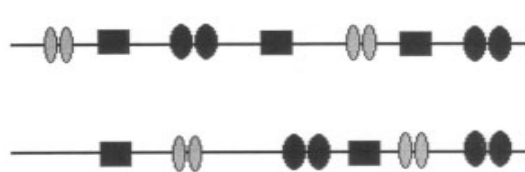
4 Action Potential (Repolarization)



5 Action Potential



6 Recovery Phase



7 Resting Phase

