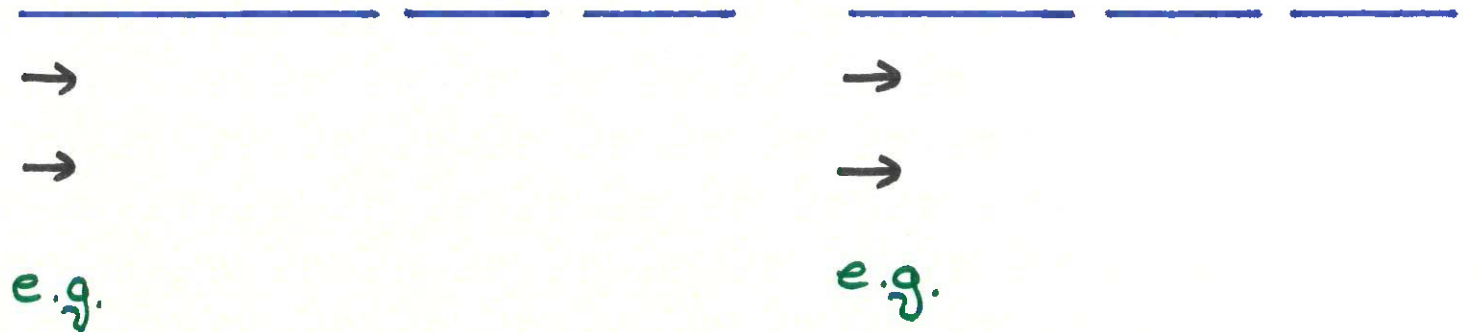




Introduction to the Nervous System

Nervous Communication

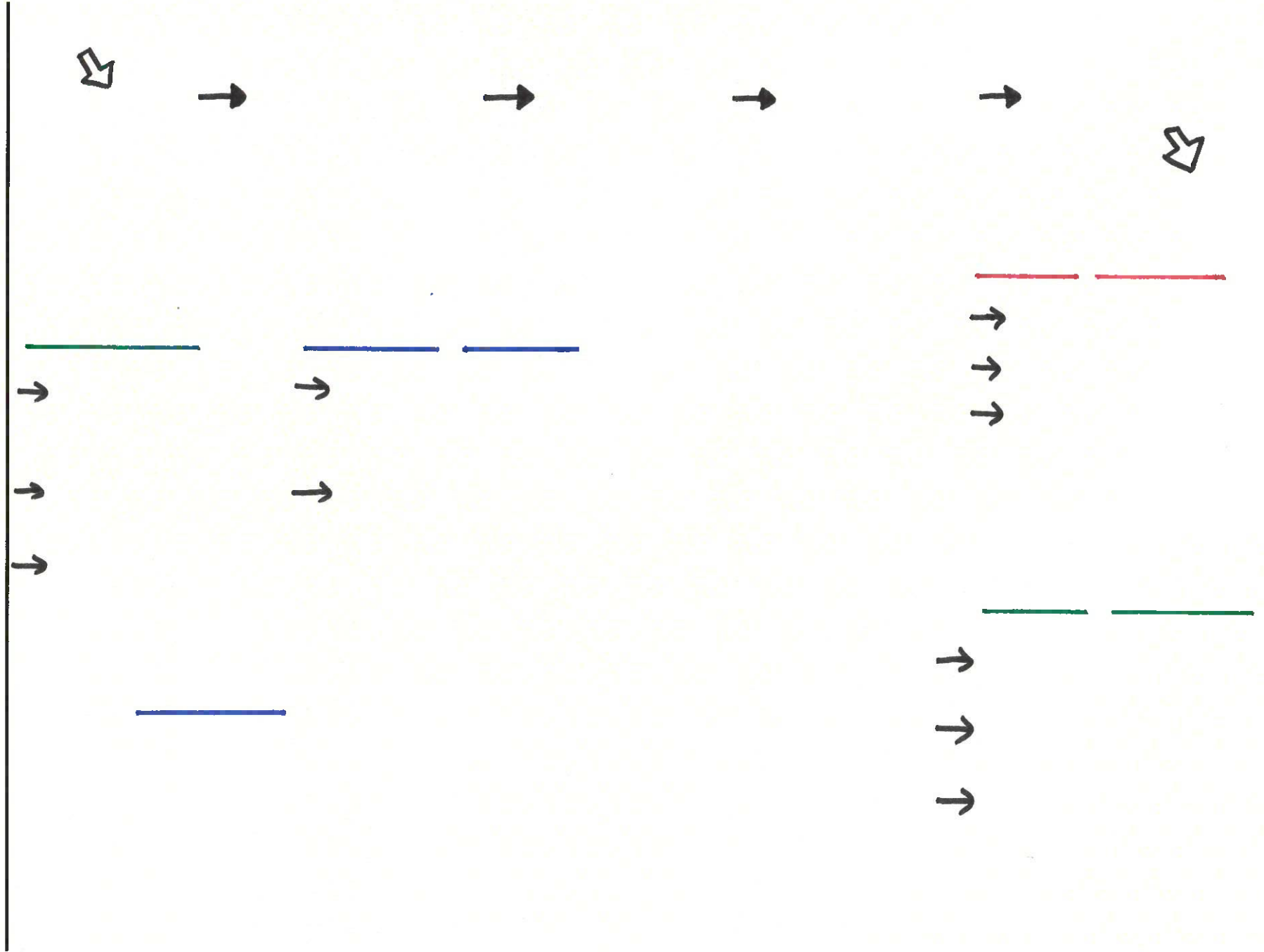
→
→
→





Receptors & Neurones

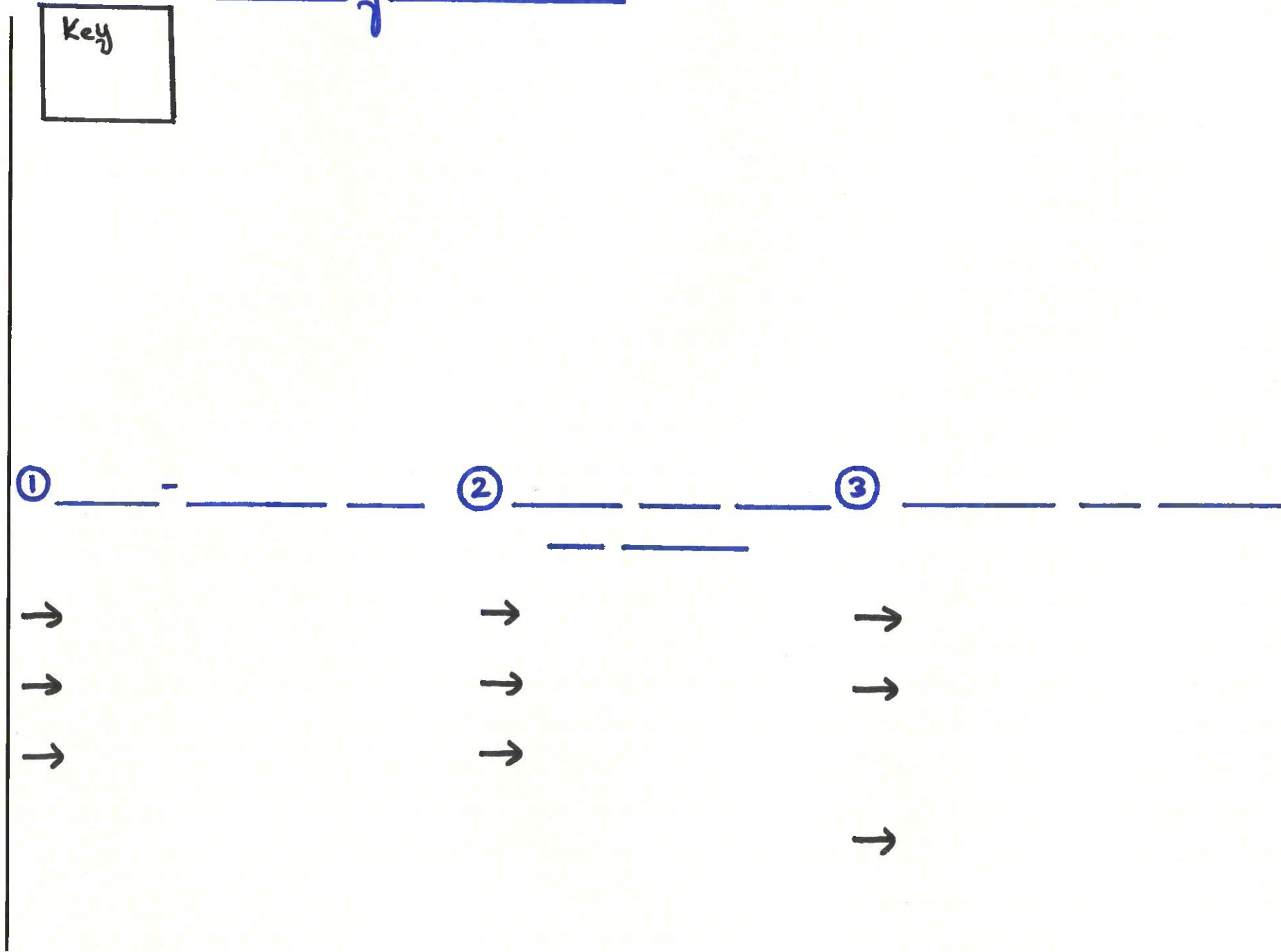
1 2 3 4 5





Resting Potential

1 2 3 4 5





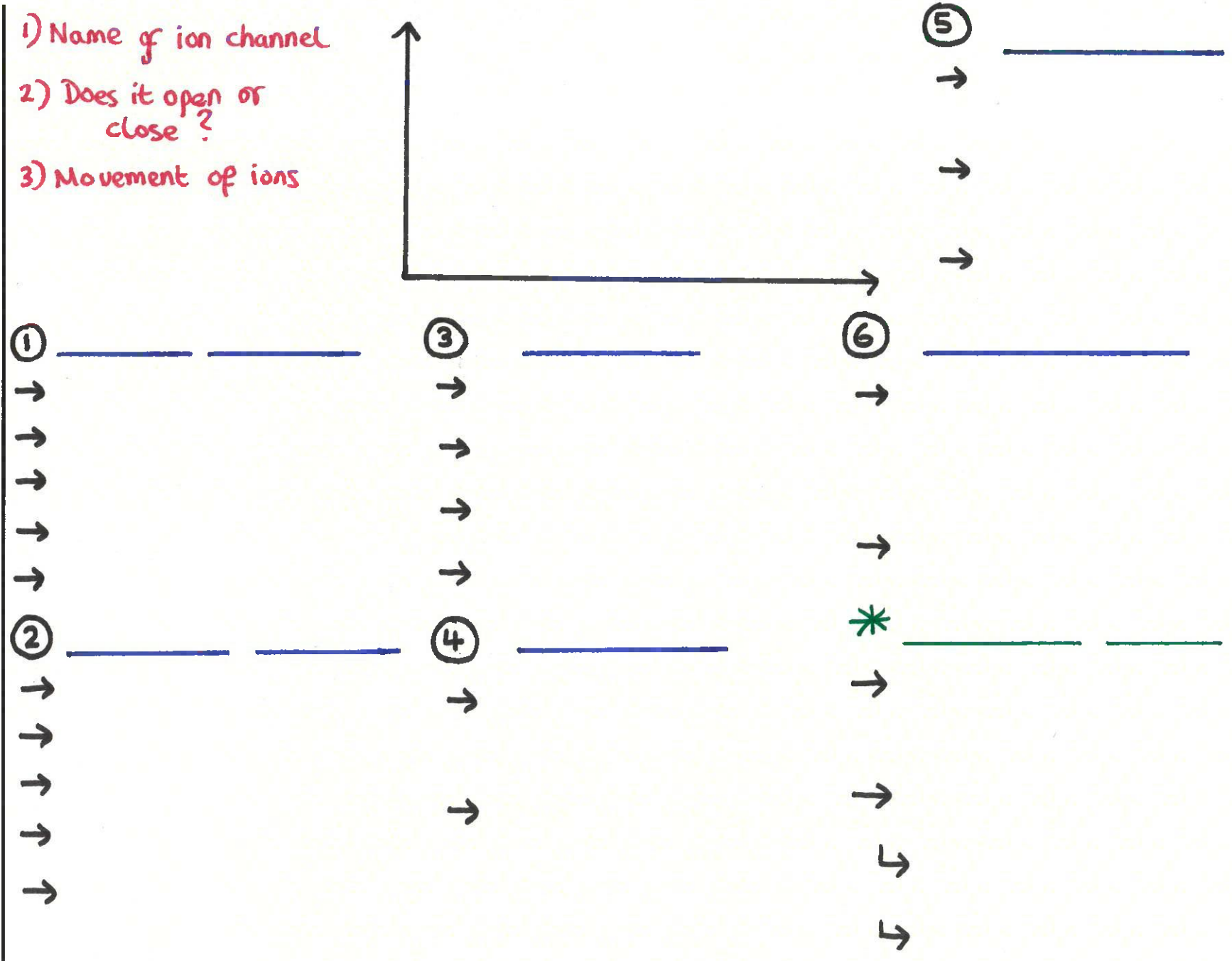
Action Potentials

1 2 3 4 5

1) Name of ion channel

2) Does it open or close?

3) Movement of ions





All or Nothing Law

- 1
- 2
- 3
- 4
- 5

Resting Potential

Depolarisation

Repolarisation

Hyperpolarisation

All or Nothing Law

* Refractory Period





Myelination & Saltatory Conduction

- 1
- 2
- 3
- 4
- 5

Saltatory
Conduction

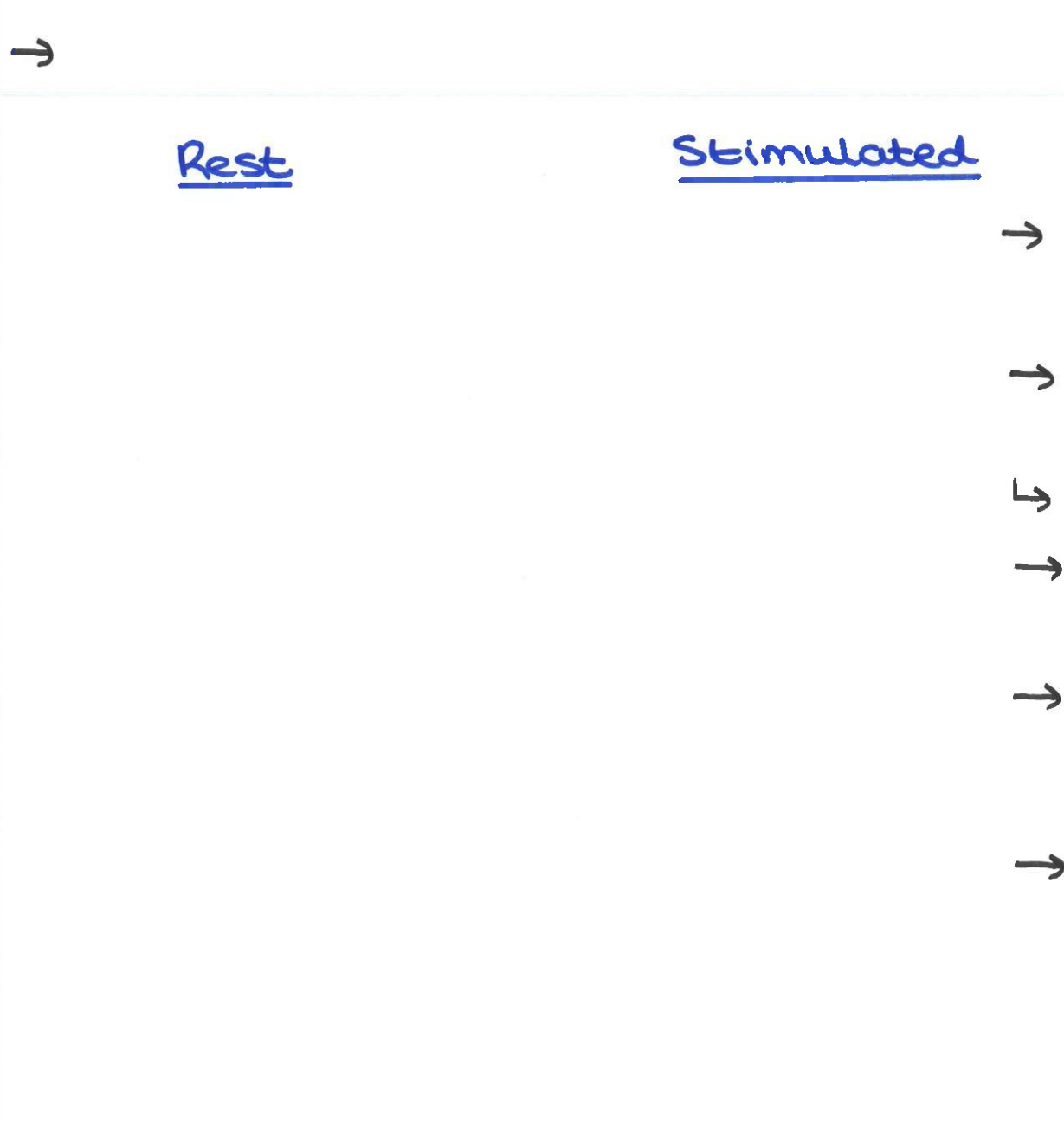
Motor Neurone





Pacinian Corpuscle

- 1
- 2
- 3
- 4
- 5





Synapses

Synapse :

→
e.g.

- ①
- ②
- ③
- ④
- ⑤
- ⑥
- ↳
- ⑦
- ⑧
- ⑨
- ⑩

key-



The Role of Synapses

