**Guided Notes: Neural Circuits**

**(Outcome 19)**

**Biology 12 Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**What is a Neural Circuit?**

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ are linked together in \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ that \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ travel through sending \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ from neuron to \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ across \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ between them.



**Using the neuron, indicate the direction of an impulse along it.**



A \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ takes information from the \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ or \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ environment, carries it to the \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ or \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ cord which then sends it to an area of \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

**Example of a neural circuit:**

**What is a Reflex Arc?**

* A neurological \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ that controls a \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_. Examples:
* They are an \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_, \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ response to a \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ and are the \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ or neural circuits.
* They are seen as a possible \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ response.
* Order of a circuit:

**Example of a neural circuit diagram: Stepping on a Tac**

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