

Name-_____ Date-_____

The Nervous System, Part 2
Crash Course A&P Video Worksheet-

Watch the [The Nervous System, Part 2](#) video and answer the questions below

When a neuron gets activated what does it do?

What is frequency?

What is the action potential?

What does it mean that our bodies are electrically neutral?

Why does our body keep the positive and negative charges separated?

What is voltage and what is it called in the body?

What measure of voltage do we use in the body?

What is current?

What is resistance?

How is a resting neuron like a battery?

Where does the positive charge outside a cell come from?

What do the negative charges inside of a neuron come from?

What does it mean when a neuron is polarized?

What does a sodium potassium pump do?

The electrochemical gradient is caused by what?

What is an ion channel do?

What is a voltage-gated channel?

What is a ligand gated channel?

What is a mechanically gated channel?

What is a graded potential?

What is action potential?

What's another way to describe an action potential?

What is the refractory period?

The strength of the action potential never changes what does change?

What is the factor that affects a neuron's transmission speed the most?
