# What you should learn today:

**Two major types of cells in the nervous system**

1)

Definition/Purpose:

2)

Definition/Purpose:

**The main parts of a neuron:**

1)

Definition/Purpose:

2)

Definition/Purpose:

3)

Definition/Purpose:

4)

Definition/Purpose:

5)

Definition/Purpose:

**Resting Potential**

Definition/Purpose:

Charge inside of cell:

Ions inside:

Charge outside of cell:

Ions outside:

**Action Potential** http://outreach.mcb.harvard.edu/animations/actionpotential_short.swf

Definition/Purpose:

What happens to the to the cell?

Charge inside of cell:

Ions inside:

Charge outside of cell:

Ions outside:

**All-or-None Law:**

Definition/Purpose:

**The Synapse**

Definition/Purpose:

What happens when you have an action potential? (Please describe terminal buttons, vesicles, neurotransmitters, etc.)

**Postsynaptic Potential:**

Definition/Purpose:

2 Kinds:

**Neurotransmitters:**

Acetylcholine (ACN)

Definition/Purpose:

Monoamines (Dopamine (DA), Norepinephrine (NE), Serotonin)

Definition/Purpose of each:

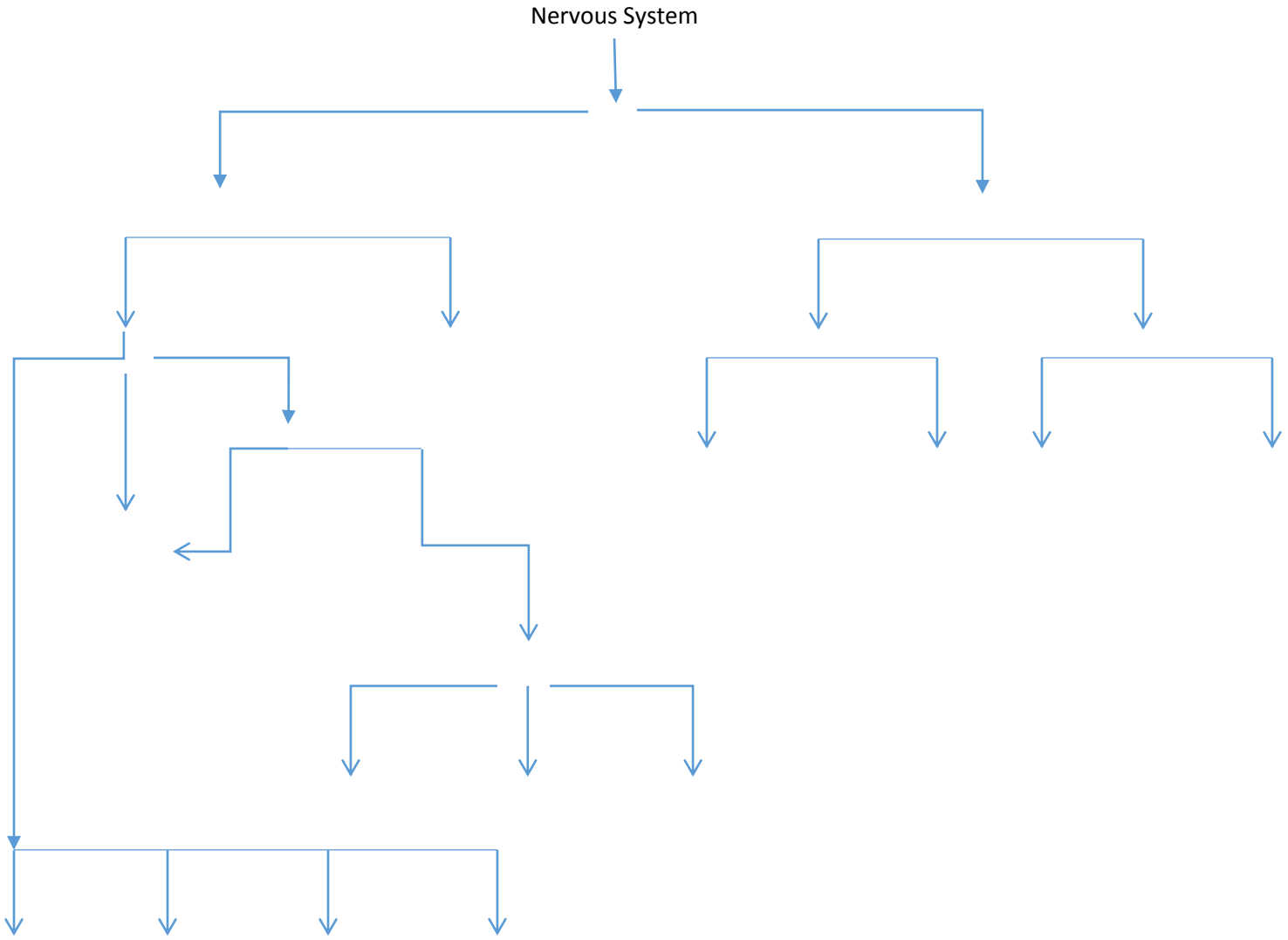
GABA

Definition/Purpose:

Endorphins

Definition/Purpose:

**Recreate the Flowchart of Nervous System pg. 72:**



**Peripheral Nervous System:**

Definition/Purpose:

**Somatic Nervous System:**

Definition/Purpose:

**Autonomic Nervous System:**

Definition/Purpose:

**Sympathetic Nervous System:**

Definition/Purpose:

**Parasympathetic Nervous System:**

Definition/Purpose:

**Central Nervous System**

Definition/Purpose:

**Cerebrospinal Fluid:**

Definition/Purpose:

**Four Methods for Observing Brain Activity**

1)

Definition/Purpose:

2)

Definition/Purpose:

3)

Definition/Purpose:

4)

Definition/Purpose: