2-16-17.notebook February 17, 2017

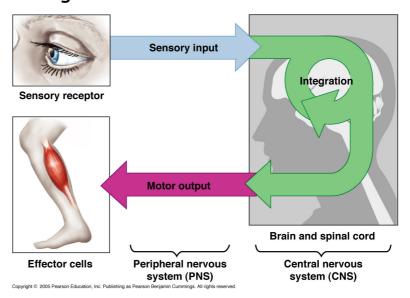
The Nervous System

7.1: Organization of the Nervous System

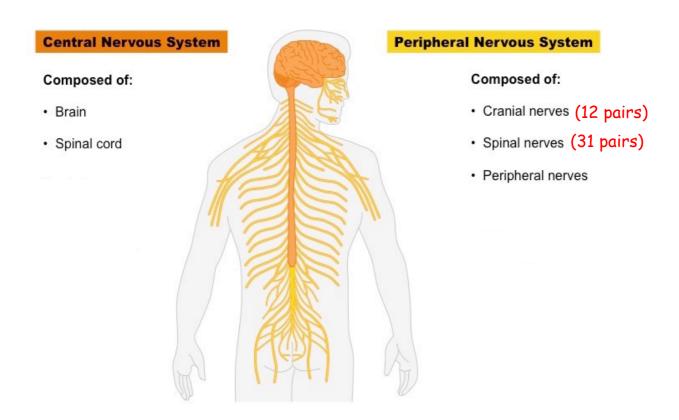


Three Basic Functions

- 1) Sensory Input gathers information
- 2) Integrative information is brought together
- 3) Motor responds to signals; homeostasis



Structural Classification



Functional Classification

Sensory (Afferent) vs. Motor (Efferent)



Neurons that send signals from the senses, skin, muscles, and internal organs to the CNS

motor (efferent) nerve

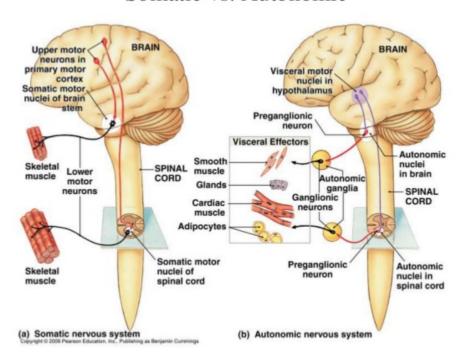
e.g., muscle Neurons that transmit commands from the

CNS to the muscles, glands, and organs

Gray's Anatomy 38 1999

Motor Division has 2 Subdivisions

Somatic vs. Autonomic



Autonomic Division has 2 Subdivisions

