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Ch. 9 Anatomy Vocab

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| **Across****3.** (efferent neurons) transmit impulses out of the brain or spinal cord to effectors; control muscle contraction and secretions of glands**5.** type of neuron that have 2 processes, one arising from each of the cell body (1 axon, 1 dendrite)**7.** composed of nerves and connects the CNS to other body parts**14.** nervous tissue that provides physical support, insulation, and nutrients**15.** form an epithelial like membrane that covers specialized brain parts and form inner linings that enclose spaces in the brain**17.** extensions that send electro chemical info.**19.** include muscles and glands whose actions are controlled or modified nerve impulses**20.** extension of cell body that receive electro. chemical messages**21.** type of neuron that have single processes extending from cell body that divide into 2 branches (peripheral process ad central process)**24.** (assosciation neuron) found entirely within the brain or spinal cord and transmit impulses from one part of the brain or spinal cord to another**25.** sheath that surrounds the myelin sheath**26.** junction between two communicating neurons**27.** rounded area on neurons**28.** produce a myelin sheath around axons of neurons | **Down****1.** (afferent neurons) transmit nerve impulses from peripheral body parts into brain or spinal cord**2.** mixture of proteins and lipids that form a white-ish insulating sheet around nerve fibers**4.** controls skeletal muscle**6.** gather info. by detecting changes inside and outside the body**8.** potential difference between the region outside the membrane and inside the membrane**9.** type of neuron that has many processes arising from their cell body (1 axon, the rest dendrites)**10.** narrow gaps between schwann cells**11.** a network of fine threads that form the cell body of a neuron**12.** provide myelin sheath around axons in the brain and spinal cord**13.** information in the form of electro. chemical changes**16.** provide structural support, join parts by their cellular processes, and regulate concentrations of nutrients and ions**18.** nerve cells**22.** consists of brain and spinal cord**23.** support neurons and phagocytize bacterial cells  |