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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 |