


Nervous Structure Worksheet # 1/Living Environment

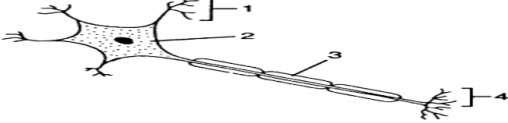
Multiple Choice Section

Choose the response which best completes the following statements or answers the following questions.

<p>1. A portion of a nervous system is illustrated in the diagram. Structure X represents (1.) an effector (2.) a neuron (3.) a red blood cell (4.) a white blood cell</p>	
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2. In the human nervous system, synapses are located directly between
 (1.) dendrites and axons (2.) cytons and axons (3.) terminal branches and dendrites
 (4.) axons and terminal branches

<p>3. Which statement describes a relationship between the human cells illustrated in the diagrams? (1.) B may cause D to contract. (2.) B is used to repair C. (3.) C transports oxygen to A. (4.) A is produced by D.</p>	
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<p>4. The diagram represents a neuron. Which number indicates the area where a stimulus is detected and an electrochemical impulse is conducted to the cyton? (1.) 1 (2.) 2 (3.) 3 (4.) 4</p>	
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5. A change that initiates an electrochemical message along a neuron is known as (1.) a stimulus (2.) a response (3.) an impulse (4.) a synapse
6. Which substances are secreted at the endings of nerve cells? 1. antibodies 2. antigens 3. neurotransmitters 4. Lipids
7. The diagram below represents the functional unit of a nervous system.



Which letter indicates a structure that secretes a neurotransmitter? 1. A 2. B 3. C 4. D