	Block: Due:
NEURON AND	Name
NEUROMUSCULAR JUNCTION	Neuron
The state of the s	Label the diagram at the left. a. cell-body (cyton) b. nucleus c. dendrites d. axon e. node of Ranvier f. terminal branches g. synaptic knobs h. Schwann cell i. Sehwann cell nucleus j. myelin-sheath
, 1 + U1	on of nerve impulses. The nucleus is
located in the <u>Cell body</u> of the neuron. From	
structures carry out transmission functions. <u>Dendr</u>	
from other cells or sensory systems. A XONS	· ·
nerve impulses away from the cell body. A single neu	· · · · · · · · · · · · · · · · · · ·
due to the length of its axon (or dendrite). Sch	å b.
associated with axons. They form a(an) myelin she neurons. Nodes of Ranvier interrupt the myelin she	around many vertebrate
with surrounding intercellular fluid. The junction between	
a(an) synaptie junction. Heetylcholini	c is the neurotransmitter. At a
neuromuscular junction, acetylcholine released from	a(an) axon bulb
depolarizes the muscle cell membrane and triggers m	nuscle contractions.

Neuromuscular Junction

Label the following parts of a neuromuscular junction.

a. axon
b. cleft
c. synaptic knob
d. muscle fiber
e. acetylcholine sacs