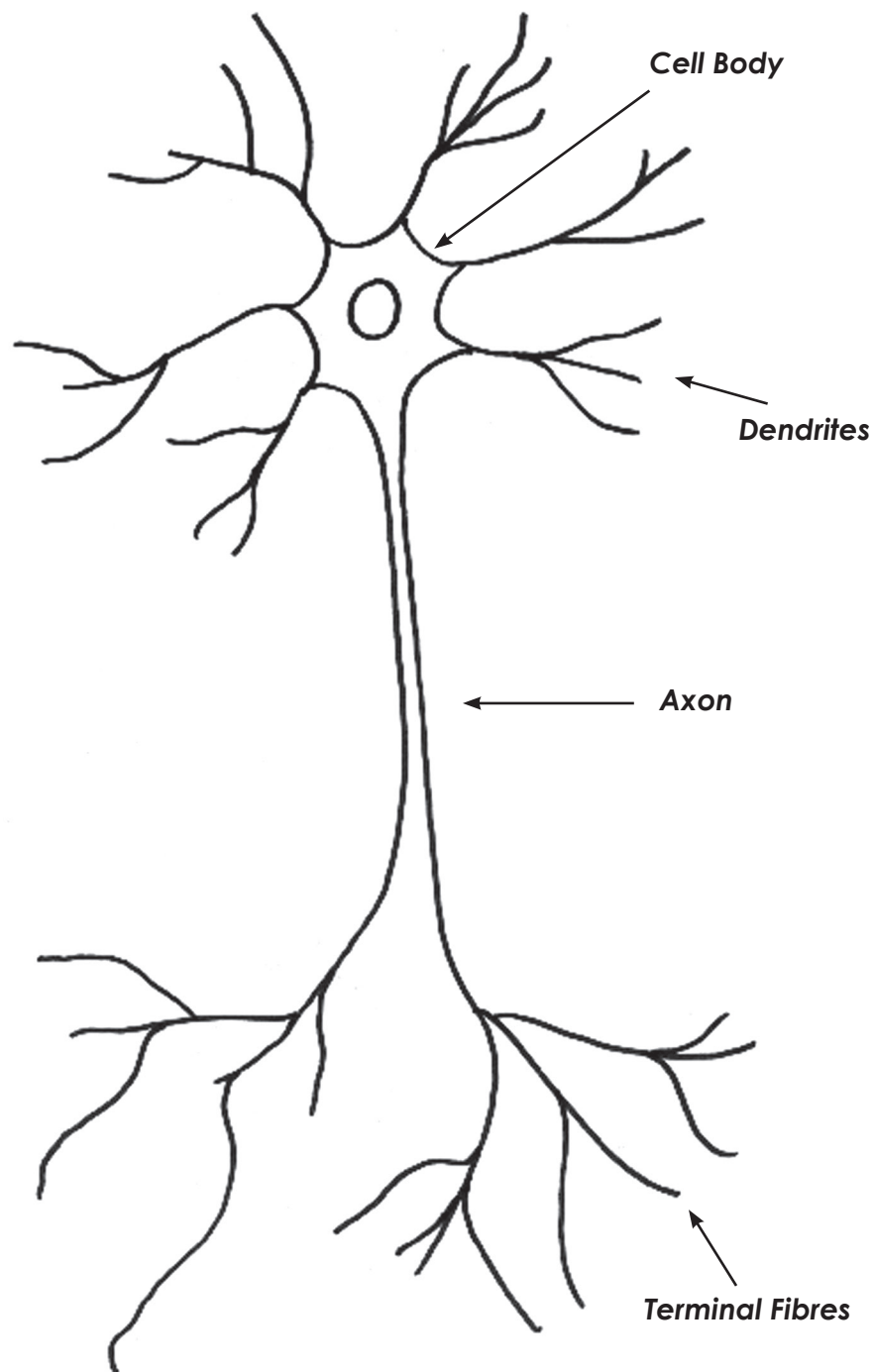


Diagram of a Neuron



Newborns start out with about 100 billion neurons and about 50 trillion synapses among them. By the time a child is 3, there are 1,000 trillion connections.