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1. Nerve Cell & Neucleus: reservoir of food material aids nutrition and growth of entire neurone--less than 1/10 mm in diameter (fiber sometimes 1 meter long)
 2. Axis cylinder--central thread of nerve material in fiber on which impulse travels--impulse travels about 100 feet per second.
 3. Neurilemma--protects axis cylinder most of its length
 4. Medullary sheath--white fatty sheath within neurilemma insulates central thread and prevents impulses from spreading to other fibers.
 5. Dendrites--paths of impulses to cell.
 6. Axones--path of impulse passing from cell.