

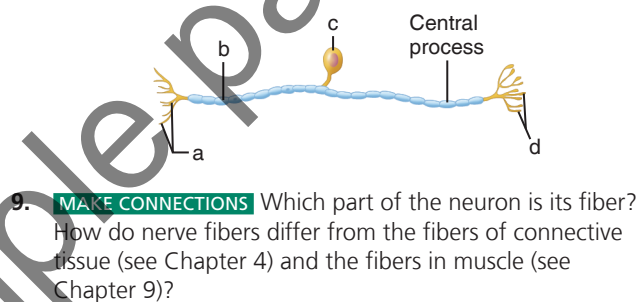
Apply Your Knowledge to a Range & Variety of Questions

As you build your knowledge and confidence in A&P, practice responding to the more challenging questions—you are likely to encounter similar questions on a test or licensing exam. Your extra effort will pay off at exam time!

A greater **variety and range of self-assessment questions** have been added to the **Check Your Understanding** sections within each chapter and include **Apply, Predict, What If?, Draw, and Make Connections**. Dozens of new **visual questions** ask you to label structures or interpret visual information.

Check Your Understanding

- How does a nucleus within the brain differ from a nucleus within a neuron?
- How is a myelin sheath formed in the CNS, and what is its function?
- What is the structural classification of the neuron shown below? What is its usual functional classification? Name the parts labeled a–d.
- APPLY** Which structural and functional type of neuron is involved in sensing the smell of your perfume? Which type is needed to transfer the impulses to the brain for integration?



- MAKE CONNECTIONS** Which part of the neuron is its fiber? How do nerve fibers differ from the fibers of connective tissue (see Chapter 4) and the fibers in muscle (see Chapter 9)?

For answers, see Answers Appendix.

See p. 431

“Draw” questions ask you to create visuals that reinforce important concepts by drawing a structure, annotating a figure, or creating a summary table.

- DRAW** Create a summary table to help you study the pharynx by comparing and contrasting its three parts. For each part, identify what it conducts (air, food, or both), the type of epithelium found there, and the associated tonsils.

All of the **End-of-Chapter Review questions** are now organized into 3 levels of difficulty based on **Bloom’s Taxonomy categories**:

Level 1: Remember/Understand
Level 2: Apply/Analyze
Level 3: Evaluate/Synthesize

	Conducts	Epithelium	Tonsils
Nasopharynx	Air	Pseudostratified ciliated columnar	Pharyngeal Tubal
Oropharynx	Air and food	Stratified squamous	Palatine Lingual
Laryngopharynx	Air and food	Stratified squamous	— (none)

See p. 858 and Answers Appendix