# MICROSCOPIC ANATOMY OF SKELETAL MUSCLE

4. First, identify the structures in Column B by matching them with the descriptions in Column A. Enter the correct letters (or terms if desired) in the answer blanks. Then, select a different color for each of the terms in Column B that has a color-coding circle and color the structures in on Figure 6-2.

	Column A	Column B
	Connective tissue surrounding a fascicle	A. Endomysium
	2. Connective tissue ensheathing the entire	B. Epimysium
	5. Contractile unit of muscle	C. Fascicle
		D. Fiber 🔘
	i. A muscle cell	E. Myofilament
	Thin connective tissue investing each muscle cell	F. Myofibril 🔘
6	Plasma membrane of the muscle cell	G. Perimysium
	A long, filamentous organelle found	H. Sarcolemma
	within muscle cells that has a banded appearance	I. Sarcomere
		J. Sarcoplasm
	Actin- or myosin-containing structure	K. Tendon
	Cordlike extension of connective tissue beyond the muscle, serving to attach it to the bone	
10.	A discrete bundle of muscle cells	



# **Anatomy Answer Key Muscles**

**William Kenneth Metcalf** 

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