Name	
Date	
Section	

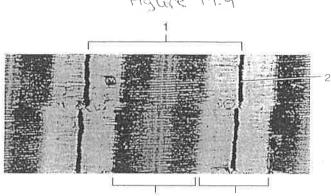
SKELETAL MUSCLE STRUCTURE

PART A

Mat	ch the terms in column A with	the definitions in column B. Place the letter of your choice in the space provided.
	Column A	Column B
a. b.	Endomysium Epimysium	1. Membranous channel extending inward from muscle fiber membrane
C.	Fascia	2. Cytoplasm of a muscle fiber
d. e. f.	Fascicle Myosin Perimysium	3. Network of connective tissue that extends throughout the muscular system
g. h.	Sarcolemma Sarcomere	Layer of connective tissue that separates a muscle into small bundles called fascicles
i. j.	Sarcoplasmic reticulum	5. Cell membrane of a muscle fiber
k. Tendon	Tendon	6. Layer of connective tissue that surrounds a skeletal muscle
	Transverse tubule	7. Unit of alternating light and dark striations between Z lines
		8. Layer of connective tissue that surrounds an individual muscle fiber
	*	9. Cellular organelle in muscle fiber corresponding to the endoplasmic reticulum
		10. Cordlike part that attaches a muscle to a bone
	11	11. Protein found within thick myofibril
		12. A small bundle of muscle fibers
Pro	RT B vide the labels for the electron	
4.		Figure 19.4
		pair

Terms:

A band (dark) I band (light) Sarcomere Z line



Identify each level of functional organization in a skeletal muscle. Place your answers in the spaces provided.

OUTCOME 10-2, 10-3 FIGURE 10-5 Levels of Functional Organization in a Skeletal Muscle

