

HLTH 147 | QUIZ 2 OF 29 (Lectures 3 & 4)

NAMES _____

Fusiform, parallel, and pennate muscles: What's different about shape and fiber orientation?

What do the epimysium, perimysium, and endomysium cover?

What do titin and nebulin do?

What (and how large) is a sarcomere? What are sarcomerogenesis and sarcomerolysis?

α -ACTN2 and α -ACTN3: What's the difference? What are the forms of α -ACTN3?

What's the difference between hypertrophy and hyperplasia?

What's ATP hydrolysis?

How does the length-tension relationship work?

How does cross-bridge cycling (i.e., sliding filament theory) work? Be sure to mention strong and weak bond states.

Label this stuff:

