

## What you need to ID – Muscle Fiber Model

This sheet tells you what you need to be able to identify on this model – check the “to know” sheet for anything else you may need to know about this topic.



You are **done** with this model when you can identify **all** of the following structures:

- 1 "A band
- 5 "axon of motor neuron
- 6 "endomysium
- 35 "I band
- 2 ; "M line
- 32 "motor end plate
- 9 "myofibril "
- neuromuscular junction
- 7 "sarcolemma
- 34 "sarcomere
- 4 "sarcoplasm
- 37 "sarcoplasmic reticulum (SR)\*
- 4 "Schwann cell/myelin sheath (on axon)
- 3 ; "synaptic cleft
- 8 "synaptic terminals (=axon terminals)
- 33 "synaptic vesicles (containing Ach)
- 3 ; "terminal cisternae of SR\*
- 3 "transverse tubules (T tubules)\*
- 39 triad\*
- 36 "Z line (=Z disc)

\* Items NOT on the other muscle fiber model in lab. The rest of the items are on both models.