

Hw # ___ Name _____ Per ___ Date ___

Muscle Tissue Physiology

1. Compared to smooth and cardiac muscle cells, a feature unique only to skeletal muscle is that it contains cells with?
2. The thin connective tissue covering of a muscle fiber that is interlaced with blood vessels and nerve endings is called the?
3. A group of muscle fibers that all receive their stimuli from a single neuron is called a?
4. A muscle fascicle consists of several?
5. The terms sarcolemma and saracoplasmic reticulum respectively indicate what parts of a muscle cell?
6. Tendons, epimysium, deep fascia, endomysium and perimysium are all composed of?
7. Diagram a cross section of a muscle and label: perimysium, endomysium, epimysium, fascicle,
8. Give two theories regarding the processes that may be involved in muscle hypertrophy