

Name: _____ Period: _____ Date: _____

Ms. Randall Anatomy & Physiology
Muscle Structure Worksheet

Match the structure with the correct description.

- | | |
|---|---------------|
| _____ The connective tissue that surrounds a muscle | A. Endomysium |
| _____ Connective tissue that encloses a bundle of muscle fibers | B. Epimysium |
| _____ Bundle of muscle fibers | C. Fascicle |
| _____ Connective tissue wrapped around each muscle fiber | D. Fiber |
| _____ Strong cord of fibrous connective tissue; extends from the muscle to the bone | E. Myofibril |
| _____ Muscle cell | F. Perimysium |
| _____ Smaller fibers that are found in a muscle fiber; consist of thick and thin myofilaments | G. Tendon |

Color the following parts on the diagrams below.

- | | | |
|-------------------------------------|---------------------------------|-------------------------------------|
| <input type="checkbox"/> Epimysium | <input type="checkbox"/> Fiber | <input type="checkbox"/> Endomysium |
| <input type="checkbox"/> Perimysium | <input type="checkbox"/> Tendon | |

