

Anatomy and Physiology

FOR ENGLISH LANGUAGE LEARNERS

Vocabulary Quiz Chapter 4

Exercise 1 Circle the correct answer.

1. Another word for a muscle cell is a *fiber* / *myofilament*.
2. A single muscle is comprised of bundles of *myofibrils* / *fascicles*.
3. *Actin and myosin* / *motor neurons* send messages about movement to muscles.
4. Actin and myosin are *protein molecules* / *neurotransmitters*.
5. ATP is made in the *nucleus* / *mitochondria* of the muscle fiber.
6. Muscles that are under your control are *voluntary* / *involuntary*.
7. *Temporalis* / *rectus femoralis* is a muscle of the head.
8. The muscle around the mouth is the orbicularis *oris* / *oculi*
9. The *deltoid* / *diaphragm* divides the interior of the body trunk into two sections.
10. The *external oblique* / *rectus abdominis* extends from the chest down to the bottom of the trunk.
11. You always use your *biceps femoris* / *trapezius* to run.
12. The *latissimus dorsi* / *trapezius* is extends from the neck to the back bone
13. The *gastrocnemius* / *sartorius* is a muscle of the posterior leg.
14. The sternocleidomastoid is located on the *anterior* / *posterior* of the body.
15. *ATP* / *ACh* causes a muscle fiber to produce an electrical signal.

Exercise 2 Mark each sentence *T* (true) or *F* (false). If the sentence is false, correct it so that it's true.

- ___ 1. It is comfortable for people with a sprained foot to bend their feet.
- ___ 2. Bone tissue is comprised of osteocytes and matrix.
- ___ 3. Muscles move when they *contract*.
- ___ 4. The word *orbicularis* means *to encircle*.
- ___ 5. The sartorius extends from the hip to your feet.
- ___ 6. When a person flexes his muscles they don't move.
- ___ 7. M.S. is a disease that some people inherit.



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- ___ 8. Nerves transmit messages to bones.
- ___ 9. Muscle contractions stimulate the production of ACh.
- ___ 10. When signaled to move the myosin attaches to the actin.



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