

Structure and Function in Living Things

Name: _____

Kinds of Muscle and Movement

Period: _____

Use Chapter 15, Section 3 of your textbook to answer the questions below. The word bank can be used to fill out the sentences below.

brain breathe cardiac closer collapse extensor flexor heart
musculoskeletal organs pairs skeletal smooth smooth tendons

Section 3: The Muscular System (p.476)

1. Your _____ is made of muscle to allow it to pump blood.
2. Muscles help you to _____, getting gases in and out of your body.
3. If you didn't have muscles holding you up, you would _____.

Kinds of Muscle (p.476)

4. The walls of your blood vessels and your digestive tract are made of _____ muscle.
5. Your heart is made of _____ muscle.
6. You can move because _____ muscle is connected to your bones.
7. _____ inside you are protected by skeletal muscle.
8. What do you call muscle action that you can control?
a. voluntary b. involuntary c. strong d. weak
9. What do you call muscle action that you cannot control?
a. voluntary b. involuntary c. strong d. weak
10. Look at Figure 1. _____ muscle helps you with food after you've eaten it.



Movement (p.477)

11. Signals go from your _____ to your skeletal muscle cells when you move.

Muscles Attach to Bones (p.477)

12. _____ are tough connective tissues that attach skeletal muscle to a bone.
13. When muscles get shorter, bones are pulled _____.
14. In the _____ system, bones and muscles work together.

Muscles Work in Pairs (p.477)

15. Because muscles work in _____, you have smooth, controlled motions.
16. A _____ muscle bends part of the body.
17. An _____ muscle straightens part of the body.