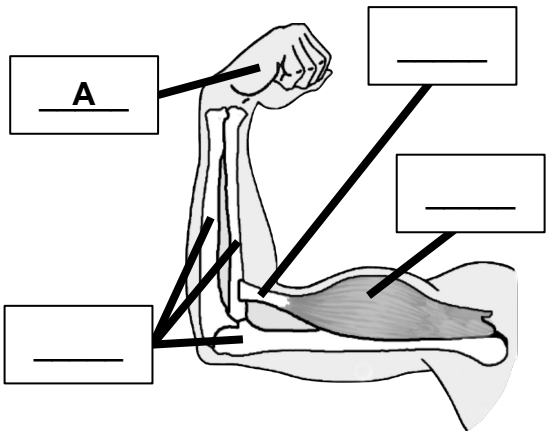
Name: _____

Date: _____

Lesson Assessment

1. The drawing to the right shows a person's arm and hand. The drawing shows **bones**, a **tendon**, and a **muscle** inside the arm. Each part of the arm and hand has a specific function.



Look at the list of functions below. Then, **match each function with the part** that does that function. The first one, A, is done for you.

A: Grabs hold of things

B: Provides shape and structure to the arm

C: Moves bones

D: Attaches muscles to bones

2. Each part of the arm has a function, and all of the parts work together as a system. If any part of the system is missing, then the system won't work the same way anymore. Read the following statements about what might happen when a part of the system is removed. **Circle all that are correct.** There may be more than one correct answer.

a. If the muscle is missing, the arm won't have any structure at all anymore because muscles are what give arms their structure.
b. If the tendon is removed, the arm will still have its shape. But the muscle won't be able to move the arm anymore because the muscle won't be attached to the bone.
c. If the bones are removed, the arm won't have any structure at all anymore because bones are what give arms their structure.
d. If the muscle and tendon are removed, the arm will still have *most* of its shape. But it won't be able to move at all, because muscles make arms move.

3. Arms and hands can help people pick up and eat food. That means that arms and hands can help people survive. On the lines below, **explain** how the muscles, bones, and tendons inside of an arm work together as a system to help people eat, which helps them to survive.

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