

Muscle Types in the Body

Name: _____

Period: _____

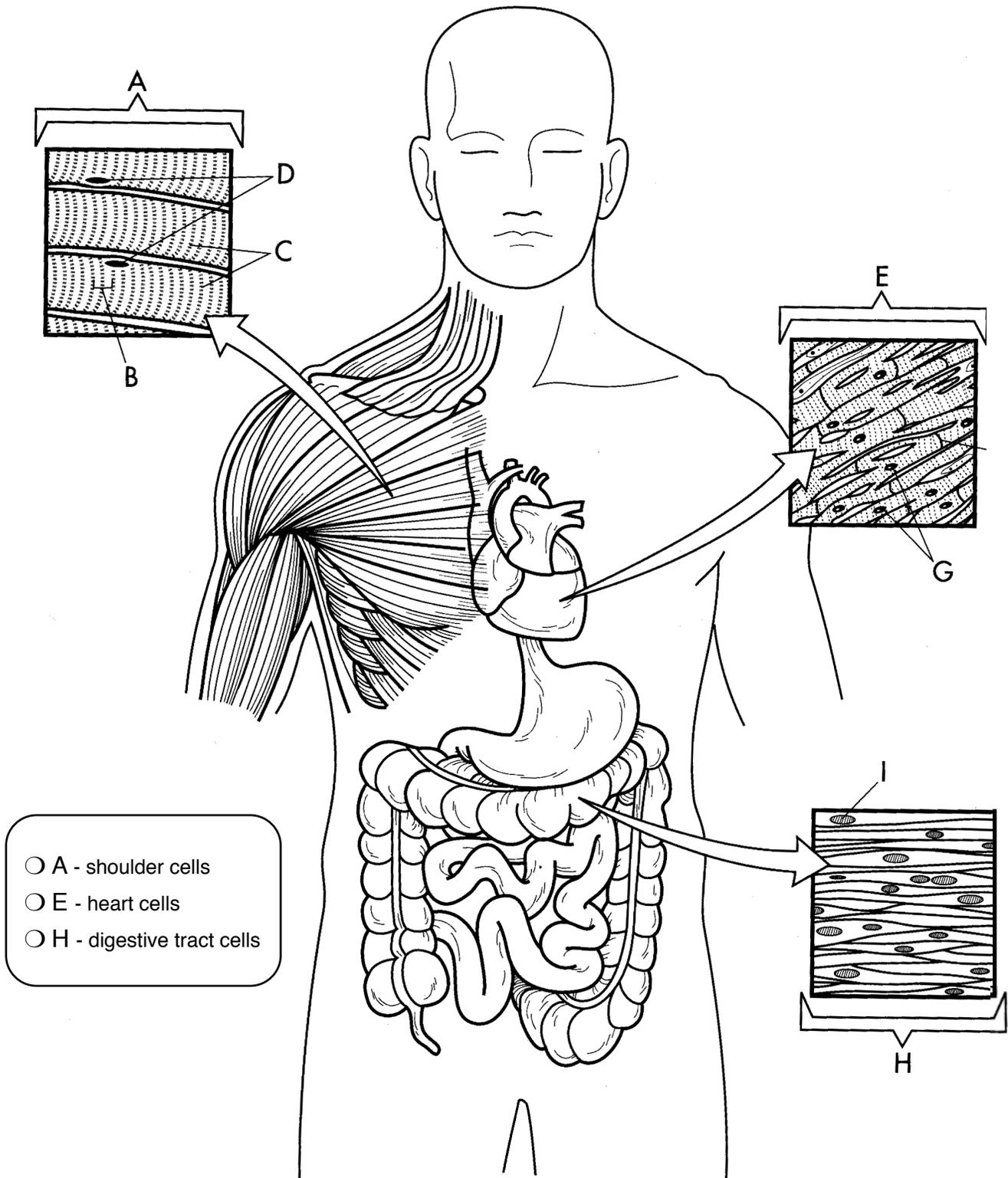


diagram adapted from Biology Coloring Workbook (1998) by I. Edward Alcamo

Work: 14 points

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Follow the directions below to color-code the diagrams and to answer the questions. You can use Chapter 15, Section 3 of your textbook to help you. Use colored pencils, and check off each box as you finish that part of the instructions.

The diagram shows where different types of muscle are located in your body. Because different parts of your body do different things, the cells must be specialized to do particular jobs. Reread p.467 and fill in the sentences below.

Cells that work together are called a _____.

Cells that have specific structures to do certain jobs are _____ cells.

The rest of the questions below you should be able to answer using p.476-477.

Color the inside of the box under the **A** purple . In the key, color the circle for the shoulder cells purple . Color the shoulder on the diagram purple . The job of this kind of muscle is to help you to move.

A refers to a kind of muscle called _____ muscle.

Is this kind of muscle voluntary or involuntary? _____

Color the inside of the box under the **E** red . In the key, color the circle for the heart cells red . Color the heart on the diagram red . The job of this kind of muscle is to make your heart beat.

E refers to a kind of muscle called _____ muscle.

Is this kind of muscle voluntary or involuntary? _____

Color the inside of the box under the **H** pink . In the key, color the circle for the digestive tract cells pink . Color the digestive tract on the diagram pink . The job of this kind of muscle is to move food through the digestive system.

H refers to a kind of muscle called _____ muscle.

Is this kind of muscle voluntary or involuntary? _____

One type of muscle works with your bones to help you move. What is the name of the connective tissue that attaches bones to muscle?

_____ attach bones to muscle.

Fill in the blanks in the sentence below.

Skeletal muscles always work in _____. The muscle that straightens out any part of your body is called an _____, while the muscle that bends any part of your body is called a _____. In your arm, the _____ muscle is the flexor, and the _____ muscle is the extensor.

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