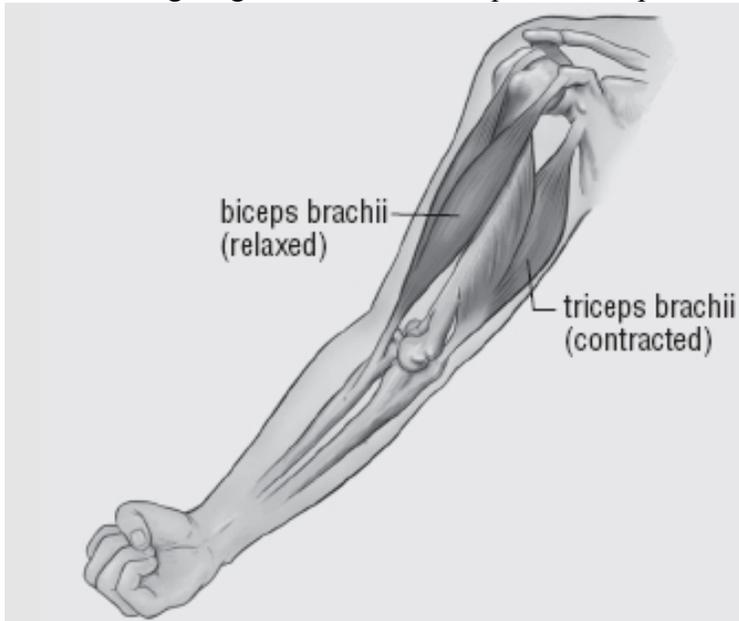


Launch Lab: Working In Pairs

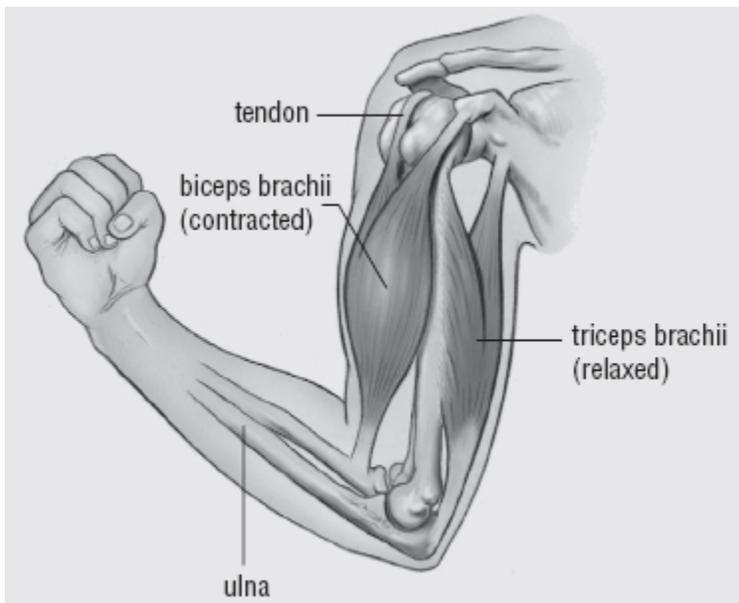
Answer Key

Answers to Analysis Questions

1. The following diagram shows the biceps and triceps when the arm is relaxed.



2. The following diagram shows the biceps and triceps when the arm is flexed.



3. It is unlikely that you would notice an increase in muscle temperature through your sense of touch. You would not be able to determine if the temperature increase was the result of muscle activity or of heat radiating from blood vessels in the skin. A temperature probe inserted directly into the muscle would be a direct way to measure temperature increase as a result of muscle contraction.