**Connective Tissue Homework**

**Directions:** Use pages your notes to answer the following questions.

1. What are the 3 basic components of connective tissues?
2. What are 4 functions of connective tissues?
3. Connective tissue proper has a \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ ground substance.

Fluid connective tissues have a \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ ground substance.

Supporting connective tissues have a \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ ground substance.

1. What are 4 types of cells found in connective tissue proper? Explain each.
2. What are 3 types of fibers found in connective tissue proper? Explain each.
3. Where can you find adipose tissue in the body?
4. How are the collagen fibers arranged in dense regular connective tissues?
5. What is the watery matrix of blood called?
6. In what type of tissue are chondrocytes found? Where in these tissues are they housed?
7. What type of cartilage contains many elastic fibers?

What type of cartilage contains many collagen fibers?

What type of cartilage connects the ribs to the sternum?

1. What is another name for bone?
2. What are bone cells? Where in the bone tissue are they housed?