

**Introduction to Cell Communication**

Name \_\_\_\_\_

**A.P. Biology**

1. The ordered steps by which a signal on a cell surface is converted into a specific cellular response is called the \_\_\_\_\_.
2. What two types of **Local Signaling** in multicellular animals are described in your textbook? (see Figure 15.2)
3. Plants and animals use this type of signaling for signaling at growth sites and over a short time.
4. What system in an animal's body transports hormones?
5. How do cells communicate when they are in direct contact with one another? (see section 1.6)
6. What are the three stages of the cell signaling process?
7. Define the term **ligand**.
8. Name the three main types of membrane bound receptors.