**Extension: How Hormones Work**

**Biology 12 Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Directions:** Complete the following extension using textbook pages 997 to 999 in the textbook and

1. Explain how hormones work with regards to target cells.
2. There are two types of hormones that differ in chemical structure and function, they are steroid hormones and non-steroid hormones known as protein hormones. Using the resources provided and the diagram on the backside, fill in the chart below looking at each type of hormone.

|  |  |  |
| --- | --- | --- |
|  | **Steroid Hormones** | **Non-Steroid (Protein) Hormones** |
| Made from…. |  |  |
| Soluble in…. |  |  |
| Effect on Membrane: |  |  |
| Description of how it works and where the receptors for it are: |  |  |
| Examples: |  |  |