**Endocrine System – Notes**

**How do hormones travel?**

Released from **\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**. Travel through the **\_\_\_\_\_\_\_\_** – through out the **\_\_\_\_\_\_\_\_\_** body. Hormones can only bind to specific **\_\_\_\_\_\_\_\_\_\_\_\_\_\_** on or in the **\_\_\_\_\_\_\_\_\_\_\_\_** cell.

How does FSH/LH only stimulate the ovaries and tests?

**Pituitary Gland**

**Anterior Pituitary – a \_\_\_\_\_\_\_\_ endocrine gland**

1. Cells in the **\_\_\_\_\_\_\_\_\_\_** produce **\_\_\_\_\_\_\_\_\_\_\_**hormones (such as GnRH and TRH).
2. These hormones are secreted into the **\_\_\_\_\_\_\_\_\_\_\_\_** and travel to **\_\_\_\_\_\_\_\_\_\_\_\_\_** cells in the anterior pituitary
3. The anterior pituitary produces and releases a **\_\_\_\_\_\_\_\_\_\_\_**hormone to the **\_\_\_\_\_\_\_\_\_\_\_**(such as LH, FSH and TSH).



**Posterior Pituitary (an \_\_\_\_\_\_\_\_\_\_\_ growth of the hypothalamus)**

1. The **\_\_\_\_\_\_\_\_\_\_\_\_** produces some hormones that are stored in the **\_\_\_\_\_\_\_\_\_\_\_\_** of the posterior pituitary.
2. The posterior pituitary releases these hormones when **\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**.

**\_\_\_\_\_\_\_\_\_\_\_\_Feedback – Breast Feeding and oxytocin \_\_\_\_\_\_\_\_\_\_\_\_ feedback – thyroxin <http://www.youtube.com/watch?v=NnIWDxuZKUo>**





**Maintaining Homeostasis – Insulin and Glucagon Adrenal gland**

Uses **\_\_\_\_\_\_\_\_\_\_\_\_\_** feedback  **(**[**http://www.youtube.com/watch?v=V08dWz5XNBA**](http://www.youtube.com/watch?v=V08dWz5XNBA)**))**

****[**http://www.youtube.com/watch?v=NnIWDxuZKUo**](http://www.youtube.com/watch?v=NnIWDxuZKUo) **Cortex –** hormonal control – **\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Medulla** – nervous control – **\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**