

Name \_\_\_\_\_

Per. \_\_\_\_\_

### Menstrual Cycle Organization Chart

A "G" means that the name of a **Gland** should be filled in, and an "H" means that a name of a **Hormone** should be used.

**Day 1:** The hypothalamus sends a hormone message (GnrH) to the (G) \_\_\_\_\_ due to the low levels of (H) \_\_\_\_\_ and (H) \_\_\_\_\_ in the blood.

As a result of the above the (G) \_\_\_\_\_ starts to make (H) \_\_\_\_\_ and (H) \_\_\_\_\_. These hormones will send a message to the (G) \_\_\_\_\_.

**Day 2 to 4:** The Follicle Stimulating Hormone (FSH) and Luteinizing Hormone (LH) cause the follicle in the ovary to make (H) \_\_\_\_\_. This (H) \_\_\_\_\_ causes the walls of the Uterus to \_\_\_\_\_. This will continue until about the \_\_\_\_<sup>th</sup> day of the cycle.

**Day 14:** A sudden increase in (H) \_\_\_\_\_ causes the \_\_\_\_\_ to \_\_\_\_\_. This is called \_\_\_\_\_.

The ruptured (used) follicle now becomes the \_\_\_\_\_.

**Day 15:** This new \_\_\_\_\_ now makes and releases Estrogen and (H) \_\_\_\_\_ which continue to help the build up of \_\_\_\_\_ in the lining of the \_\_\_\_\_.

**Day 16:** The increase in the levels of Estrogen and (H) \_\_\_\_\_ in the blood send a feedback message to the pituitary gland to slow down the production of (H) \_\_\_\_\_ and (H) \_\_\_\_\_.

**Day 26 to 31:** If the Ovum is not fertilized the Corpus Luteum \_\_\_\_\_ and the levels of (H) \_\_\_\_\_ and (H) \_\_\_\_\_ in the blood drop to a low level. As a result of this change what happens to the Uterus?

\_\_\_\_\_ (put your answer here)

\* Now the hormones are at the same level as the beginning and the Menstrual Cycle starts all over again.