Fill in the blank notes for fertilization

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ is the opposite of \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Hormone cycle and ovulation

* Your \_\_\_\_\_\_\_\_\_\_\_ is your biggest sex organ. The pituitary makes 2 hormones: FSH and LH

 \_\_\_\_\_\_\_\_\_\_\_\_\_ stimulating hormone and Luteinizing \_\_\_\_\_\_\_\_\_\_\_\_\_

* They stimulate: \_\_\_\_\_\_\_\_ and \_\_\_\_\_\_\_\_\_\_\_ production and male and female \_\_\_\_\_\_\_\_\_\_\_

Estrogen, progesterone and testosterone

**Female hormones Male hormones**

|  |  |
| --- | --- |
| 1. | 1. |
| 2. |  |
| Primary sexual charactertistics | Primary sexual characteristic |
| 1. | 1. |
| 2. | 2 |
| Seconday sexual characteristics | Secondary sexual characteristics |
| 1 | 1 |
| 2 | 2 |
| 3 | 3 |
| 4 | 4 |
|  | 5 |
|  | 6 |

Menstrual cycle Hormone switches

* \_\_\_\_\_\_\_\_\_\_\_\_\_ senses the falling progesterone and estrogen in the blood and switches on

\_\_\_\_\_\_\_\_\_\_ and \_\_\_\_\_\_\_\_\_

* FSH tell the ovaries to produce \_\_\_\_\_\_\_\_\_\_
* The follicle \_\_\_\_\_\_\_\_\_\_\_ with the \_\_\_\_\_\_\_\_\_\_\_
* LH, FSH, Estrogen peak.... \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
* Follicle becomes a *\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_* and makes \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.
* Progesterone \_\_\_\_\_\_\_\_\_\_\_\_\_\_ corpus luteum \_\_\_\_\_\_\_\_\_\_\_\_\_, progesterone levels \_\_\_\_\_\_\_\_\_and we start all over again.

Timing is everything.

* The egg \_\_\_\_\_\_\_\_\_\_\_\_\_ and lives for about \_\_\_\_\_\_\_\_ hours.
* Once ejaculated the \_\_\_\_\_\_\_\_\_\_\_\_\_\_ lives for \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.
* For fertilization to occur there is a \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.
* \_\_\_\_ days \_\_\_\_\_\_\_\_\_\_ ovulation and \_\_\_\_\_\_\_\_ day \_\_\_\_\_\_\_\_\_ ovulation.

Fertilization:

* once the egg and sperm nuclei \_\_\_\_\_\_\_\_\_\_\_\_\_\_. The egg changes \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ and
* no other \_\_\_\_\_\_\_\_\_\_\_\_\_can get in.

