|  |
| --- |
| **4.3 The Reproduction System allows the production of offspring** |
| **Before you learned…** | *
*
 |
| **Now you will learn…** | *
*
*
 |
| **Define the following words.****Menstruation: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_****Fertilization: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_****Embryo: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_****Fetus: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_** |
| **Question** | **Answer** |
| **The male and female reproductive systems are different but they do share an important characteristic….** |  |
| **Female specialized cells are called…** |  |
| **The male specialized cells are called...** |  |
| **What is genetic material? Why is it important?** |  |
| **Both the male and the female reproductive systems rely on….** |  |
| **Why are hormones important?** |  |
| **FEMALE REPRODUCTIVE SYSTEM** |
| **Female reproductive organs…*** **About how many eggs does each of these organs contain?**
* **How do the ovaries get the uterus prepared to receive an egg?**
 |  |
| **Label the female reproductive organs…** |
| **Where does the egg travel after it leaves the ovary?** |  |
| **Where is the egg cell fertilized?** |  |
| **What happens if an egg is not fertilized?** |  |
| **What are the two main functions of the female reproductive system and where do they take place?** |  |
| **MALE REPRODUCTIVE SYSTEM** |
| **The organ that produces sperm is called the…*** **What is inside this organ?**
* **What is produced by the coiled tubes?**
 |  |
| **The testes release a hormone that is responsible for what?**  | *
* +
 |
| **When do males start producing sperm?** |  |
| **Sperm is a \_(1)\_ with a \_(2)\_ and a \_(3)\_.** | 1.
2.
 |
| **Describe the contents/job of the sperm’s head and tail** | Head: Tail:  |
| **What is semen and why is it important to sperm and overall reproduction.**  |  |
| \*\*We will label this together because it is not in your textbook\*\* |
| **FERTILIZATION** |
| **What is fertilization?** |  |
| **Where does fertilization occur?** |  |
| **What is the ball of cells that grows from a fertilized egg?** |  |
| **Where does the fertilized egg begin to divide?** |  |
| **Where does the embryo implant?** |  |
| **How does the egg progress to implantation?** |  |
| **Describe the development of an embryo and fetus at two weeks, eight weeks, and twelve weeks.**  | Two Weeks:Eight Weeks:Twelve Weeks:  |
| **What happens during each of the three stages of birth?** | First Stage: Second Stage:Third Stage: |
| **How does the first stage of birth begin?** |  |
| **How does the embryo change as pregnancy progress?** |  |
| **Why are some twins identical and some are not?** |  |