

Name _____ Date _____ Page _____

Reproductive System Inventory

Question	Before	After
Humans are the only organism that produces eggs and sperm.	T / F	T / F
The reproductive system is the only system that is not necessary for a human to live a healthy life.	T / F	T / F
The reproductive organs in males and females are similar.	T / F	T / F
Both males and females make cells for reproduction.	T / F	T / F
The sperm cell is smaller than the egg cell.	T / F	T / F
Embryo and fetus are names for male and female babies before they are born.	T / F	T / F
Only females have the hormone estrogen and only males have testosterone.	T / F	T / F

Notes - Reproductive System

* The function of the reproductive system is to produce offspring.

Both of the reproductive systems of males and females produced specialized cells. The specialized cells of the male are called sperm. The specialized cells of the female are egg.

The reproductive systems of males and females rely on the release of hormones from the Endocrine system. These hormones signal the process of sexual development and then maintain secondary sex characteristics.

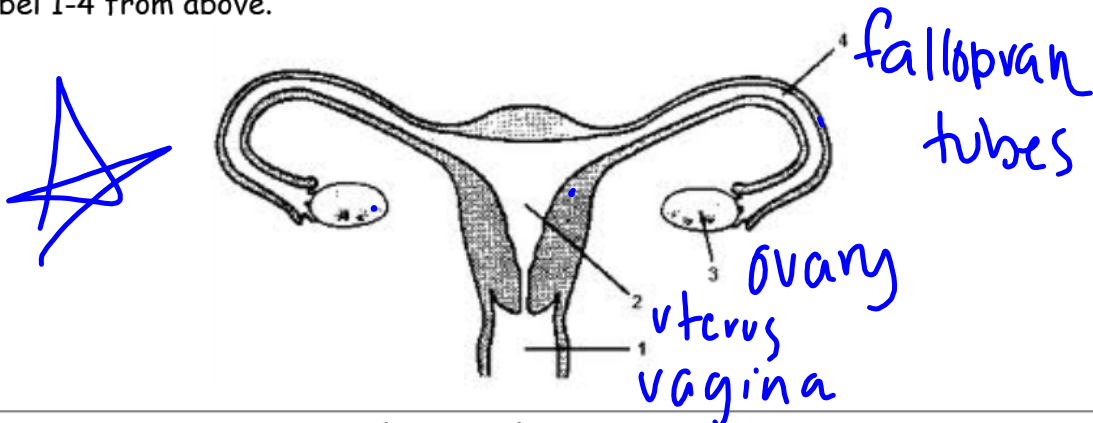
Give a 2-3 sentence explanation for why each child is unique within a family.

Female Reproductive System

Part	Function
1. ovaries	female reproductive organ that makes eggs

2. fallopian tubes	connect ^{where fertilization occurs} ovaries to the uterus
3. uterus	pear shaped organ w/ thick muscular walls, holds the growing fetus
4. vagina	hollow muscular tube that is open to the uterus
5. estrogen and progesterone	female sex hormones

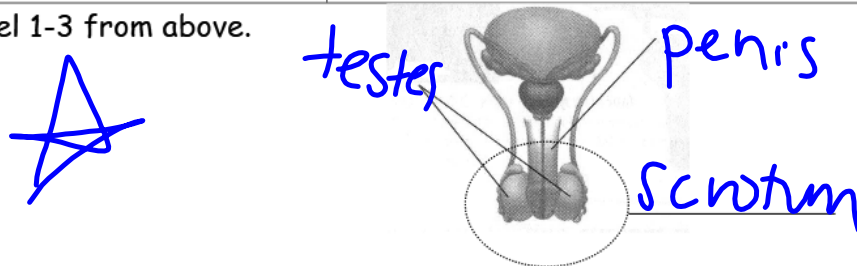
Label 1-4 from above.



Male Reproductive System

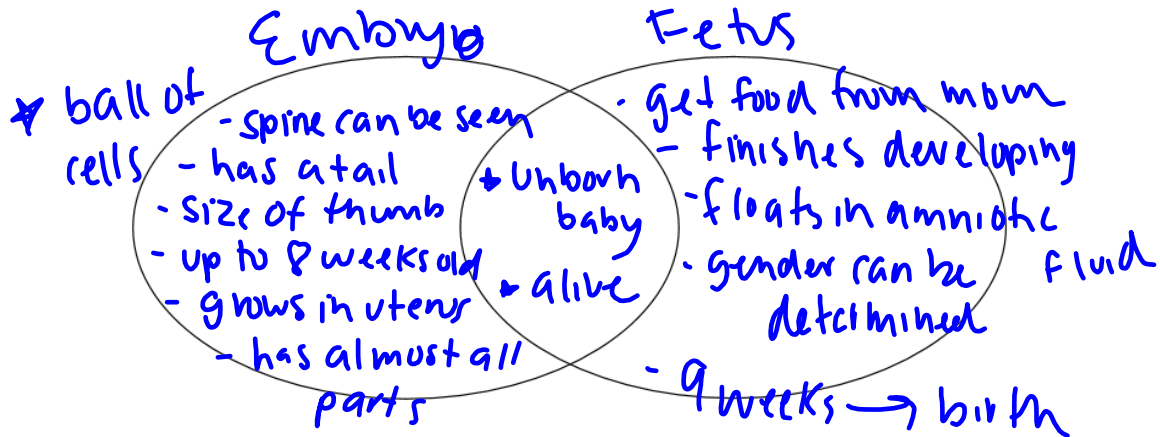
Part	Function
1. testes	male reproductive organ that makes sperm
2. penis	external organ that releases sperm
3. scrotum	pouch that holds the testes
4. testosterone	male sex hormone

Label 1-3 from above.



Fertilization occurs when Sperm + egg unite.

Compare and contrast **embryo** and **fetus** using a Venn Diagram.



The Menstrual Cycle

Changes in hormones cause egg development and changes in uterus.

The menstrual cycle is described as the cycle of egg growth + release.

The length of the menstrual cycle is typically 28.

Ovulation occurs when an egg is released from ovary.

* Menstruations occurs when the egg is NOT fertilized and the extra thing (blood) in the uterus is released.

List some of the hormones that control the menstrual cycle:

- FSH
- LH
- Progesterone
- Estradiol