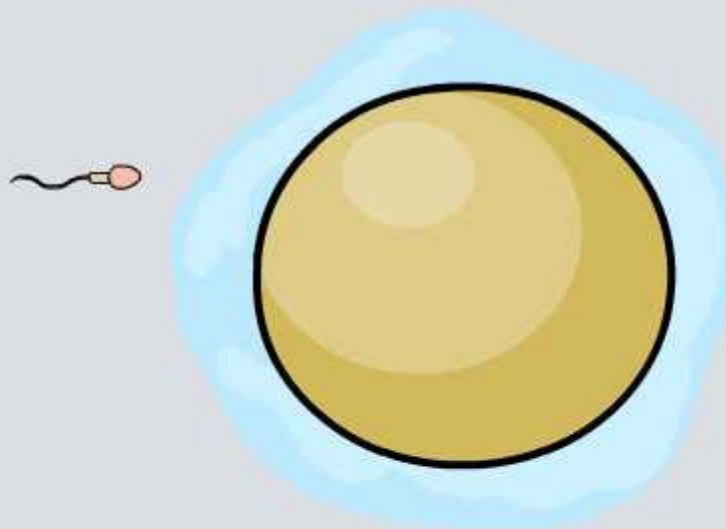


# Human Sex Cells and Systems



# What is reproduction?

Reproduction is one of the seven life processes.

All living things reproduce.

Humans use sexual reproduction to produce their young.

In order to do this, the two parents (male and female) have different reproductive systems and organs that produce different sex cells.

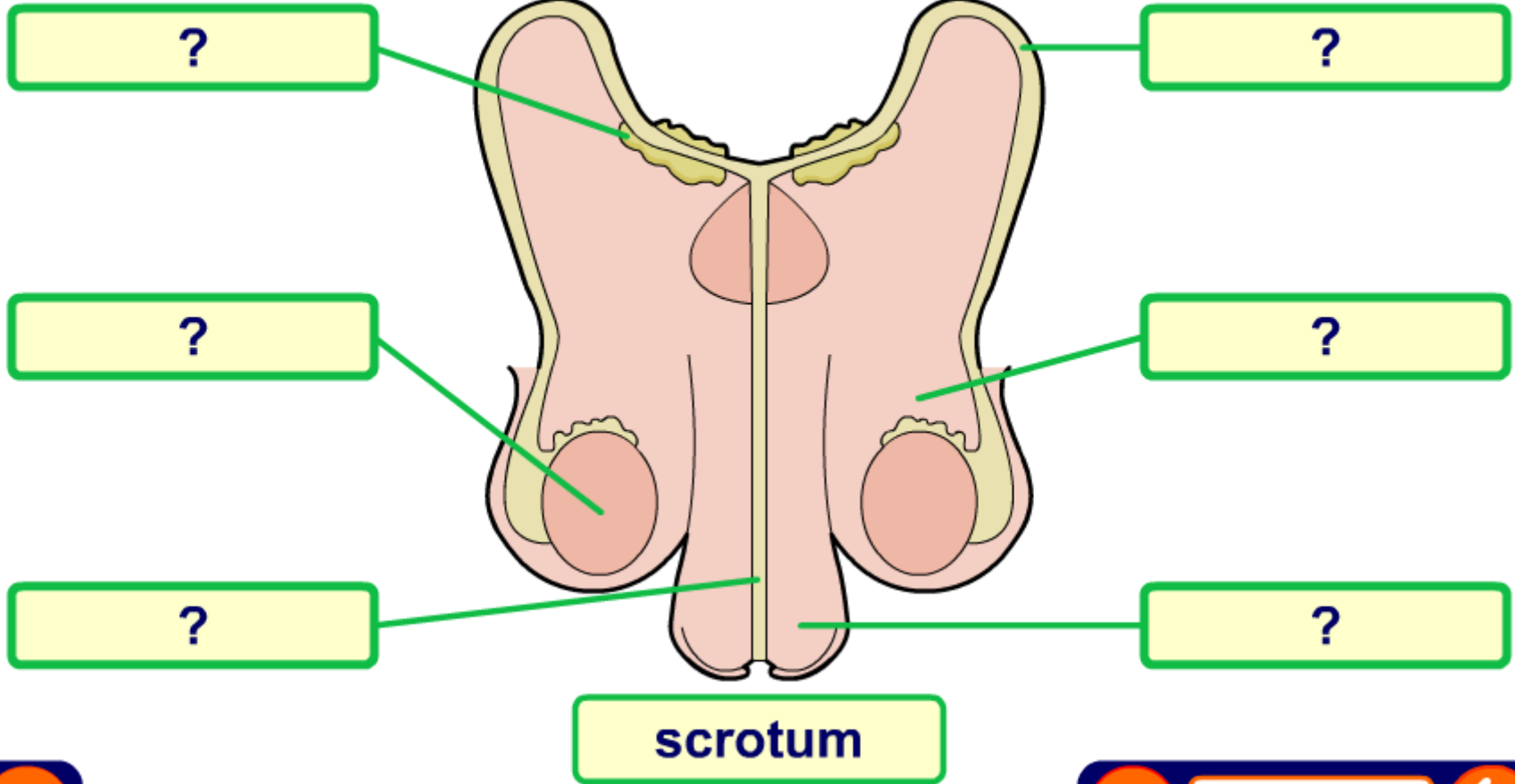


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# The male reproductive system

What are the parts of the male reproductive system?

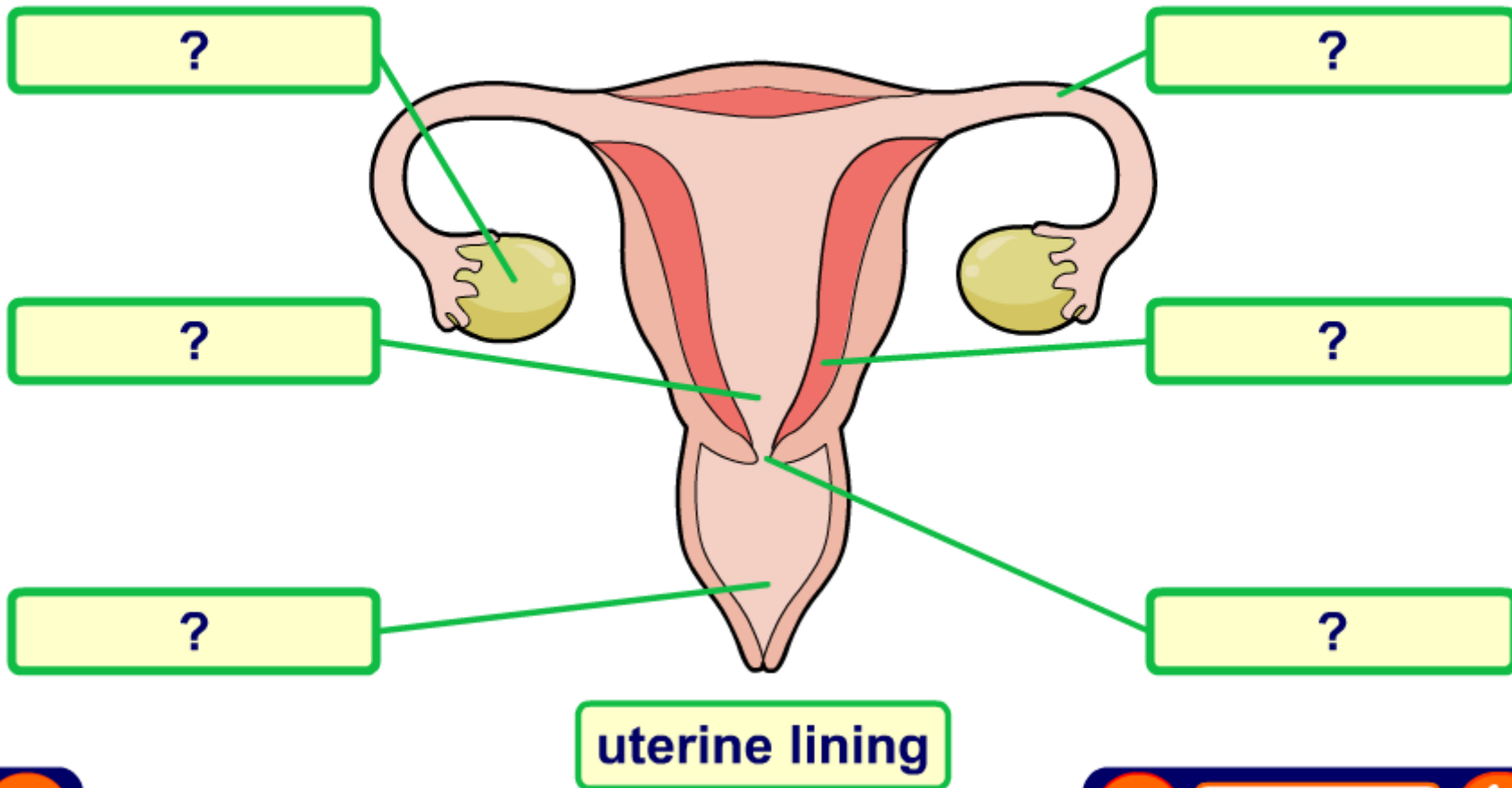


solve



# The female reproductive system

What are the parts of the female reproductive system?



solve



Are these parts of the human reproductive system male or female?

male

female

uterus



solve



## What is the function of each body part?

testes

to carry sperm out of the body

ovary

to carry eggs to the uterus

urethra

to protect the testes

oviduct

to produce eggs

glands

to carry sperm from the testes

sperm duct

to produce sperm

scrotum

to add fluid to sperm

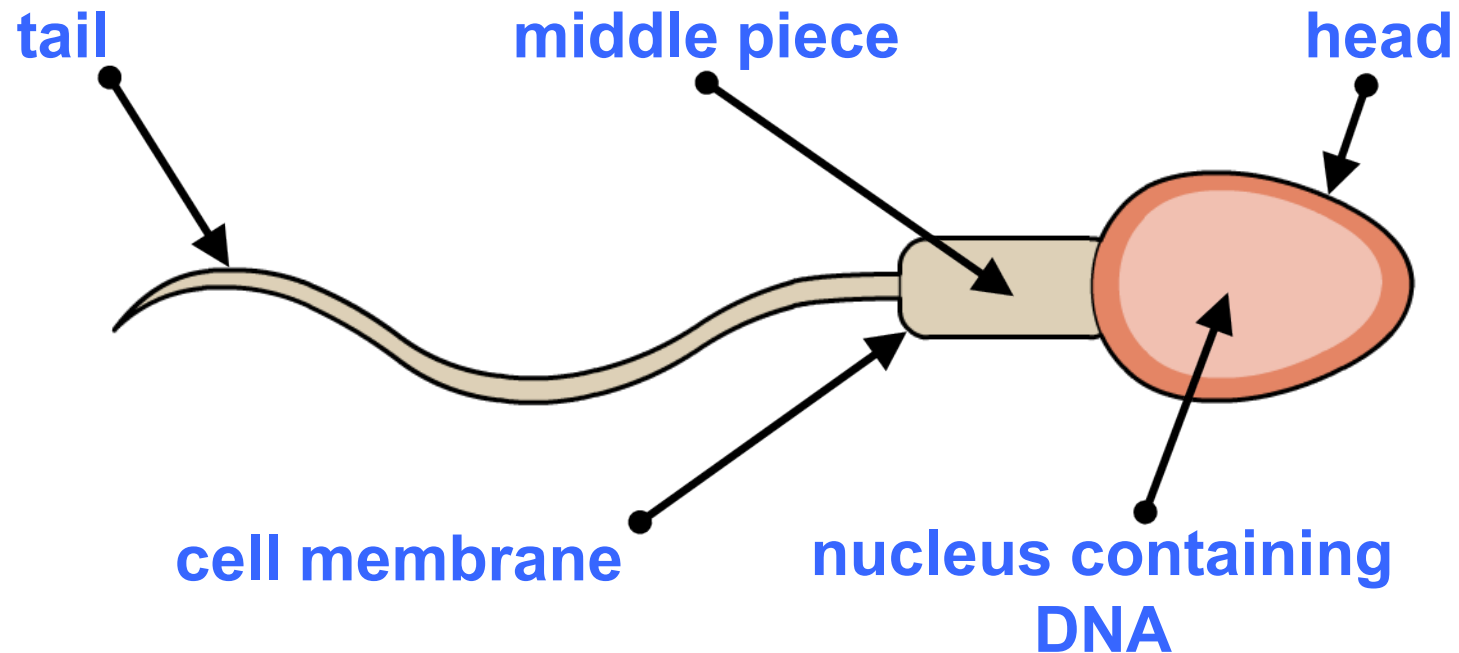


solve



# Sex cells – sperm

In males, the sex cells are called **sperm**.

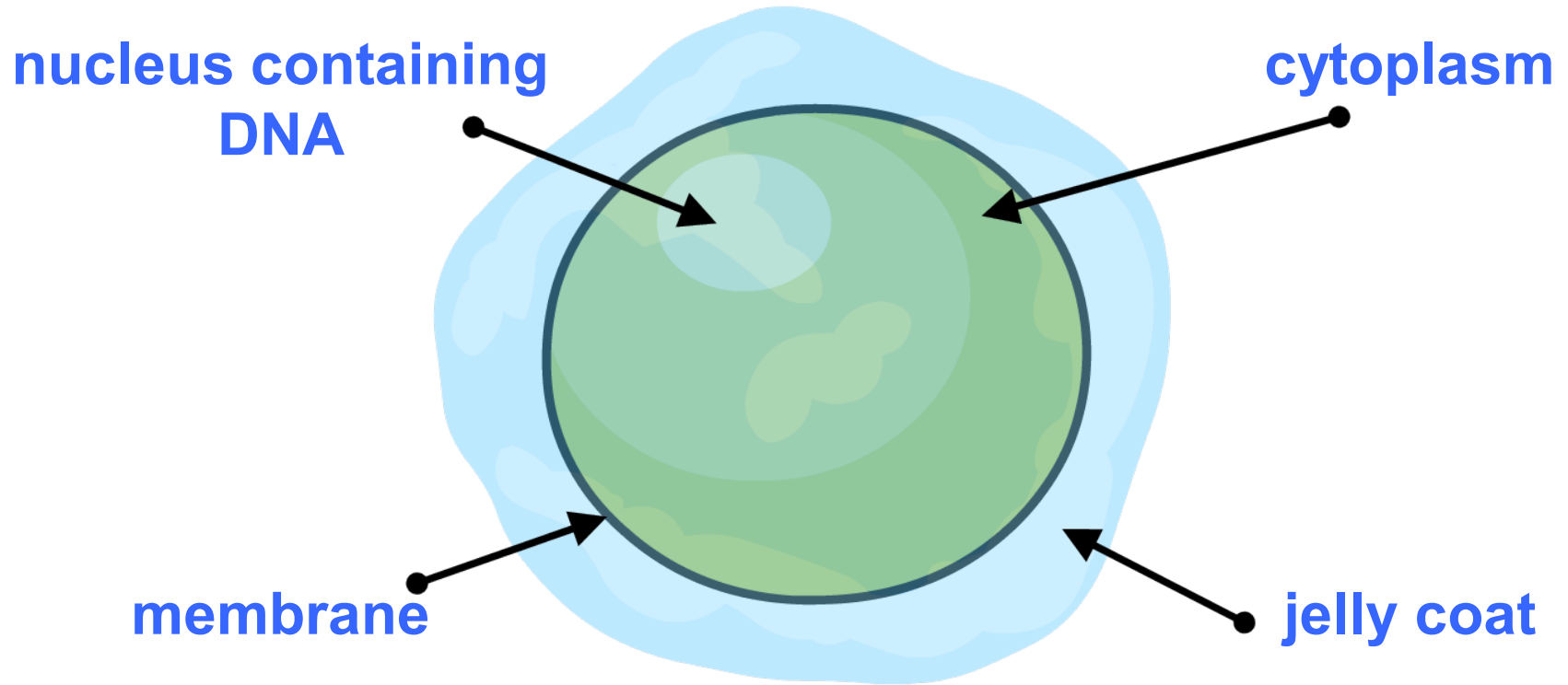


Sperm are produced in sex organs called **testes**.



# Sex cells – egg

In females, the sex cells are called **eggs**.



Eggs are produced in sex organs called **ovaries**.





## Which adaptations do sperm and eggs cells have?

sperm

eggs

unable to move



solve



# What is fertilization?

For a woman to become pregnant, fertilization must occur. **Fertilization** is the fusing of an egg and a sperm cell. In this process the sperm's nucleus will join with the egg's nucleus.



Females produce an egg approximately every 28 days. This is called **ovulation**.

Males continually produce sperm in the testes.

How do these cells come into close contact with each other?



During **sexual intercourse** the man inserts his penis into the woman's vagina.

Millions of sperm cells are ejaculated into the top of the vagina.

They enter the uterus through the cervix, where the sperm cells may meet an egg.

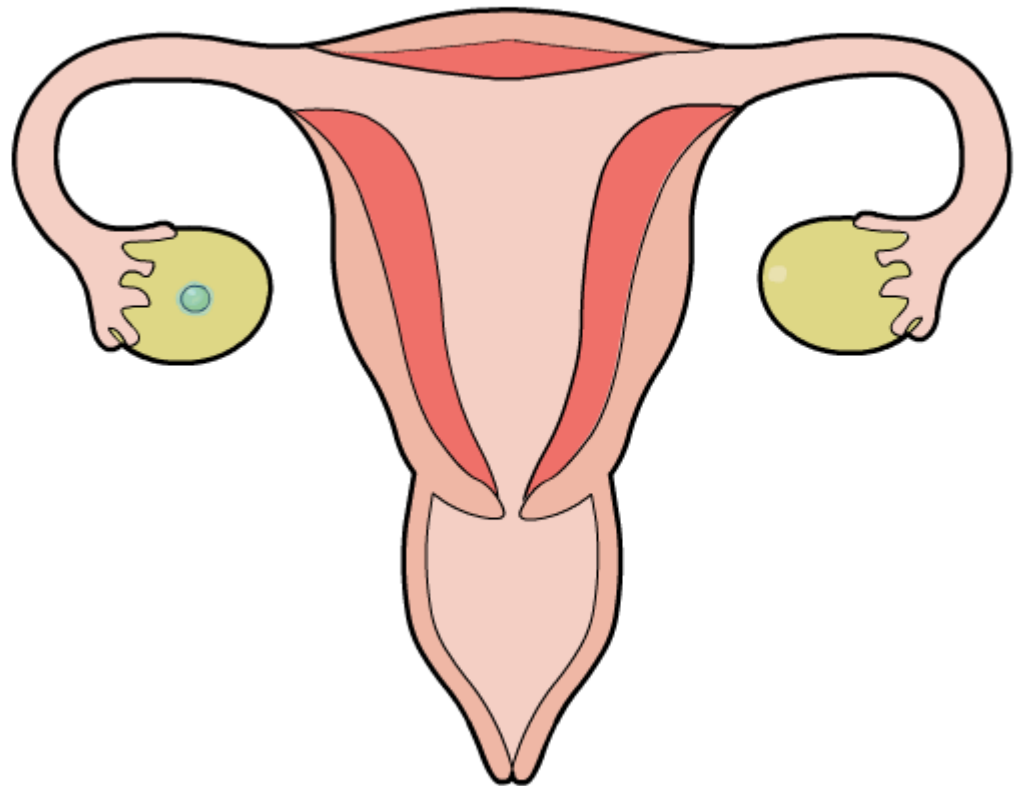
Now fertilization can occur.



## Fertilization and implantation

During fertilization the male and female sex cells fuse.

Click "**play**" to find out more about the process.



## What does each reproductive process involve?

ovulation

The ejection of sperm through the penis.

ejaculation

The release of an egg from the ovary.

fertilization

The egg and the sperm nuclei fuse.

implantation

The embryo sinks into the uterus lining.



solve

