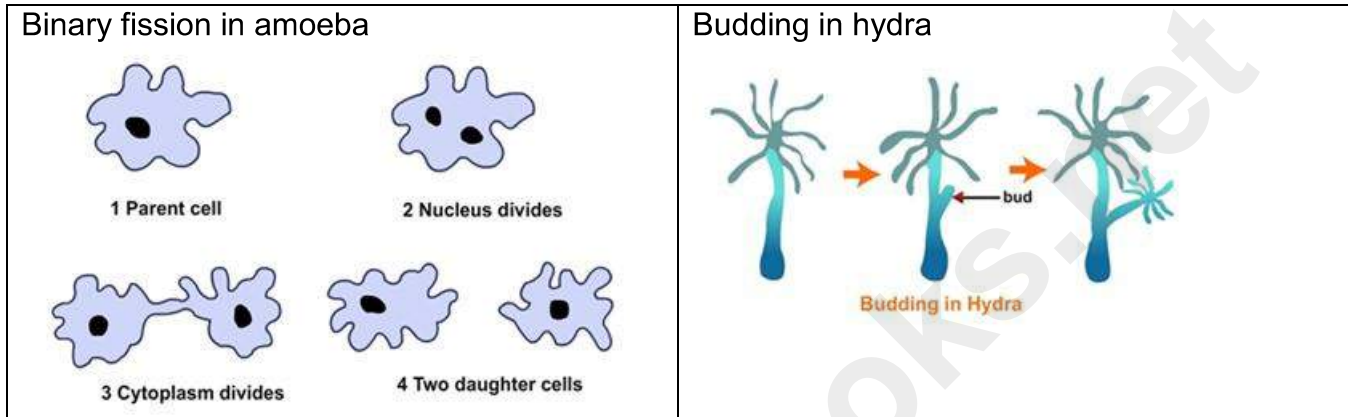


## ICSE CLASS 8 BIOLOGY REPRODUCTION IN ANIMALS

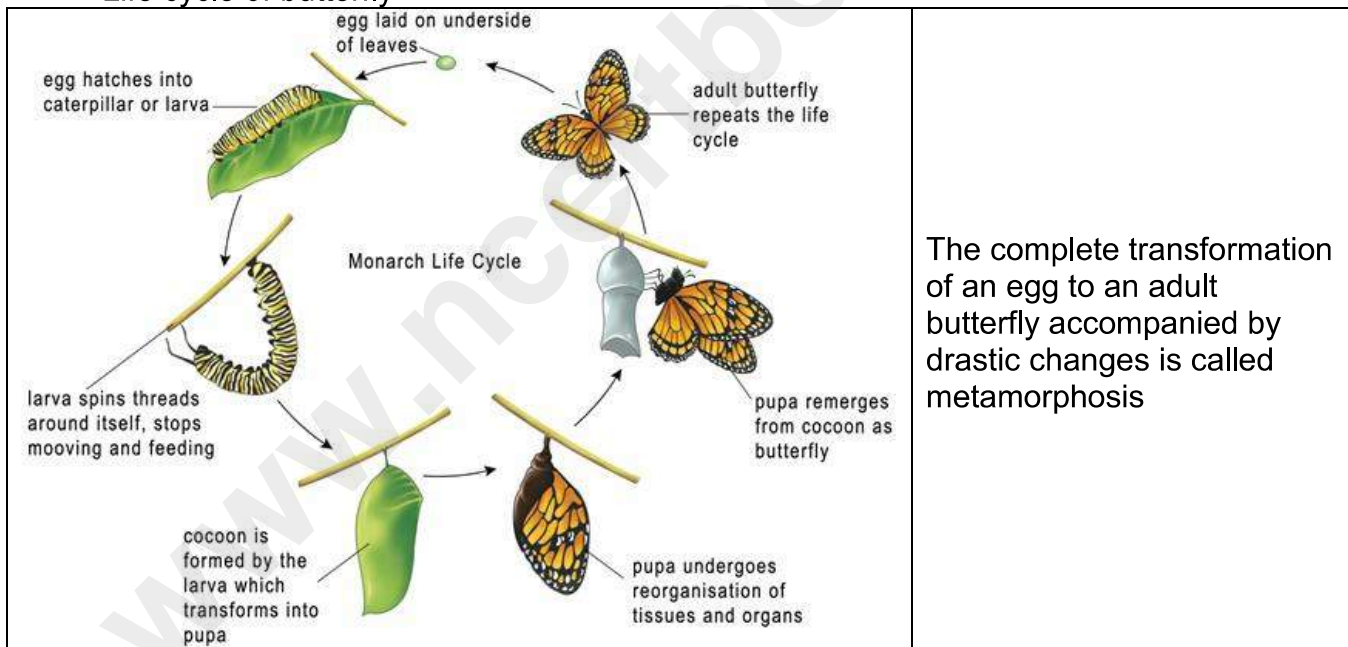
- Producing new individuals of the same kind.
- Can be sexual (formation of eggs and sperms, from 2 parents)) or asexual (from one parent, no eggs or sperms)

### ASEXUAL REPRODUCTION

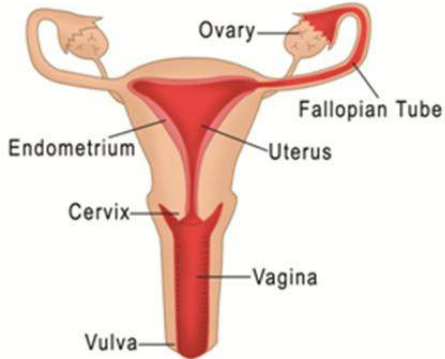


### SEXUAL REPRODUCTION

- Life cycle of butterfly



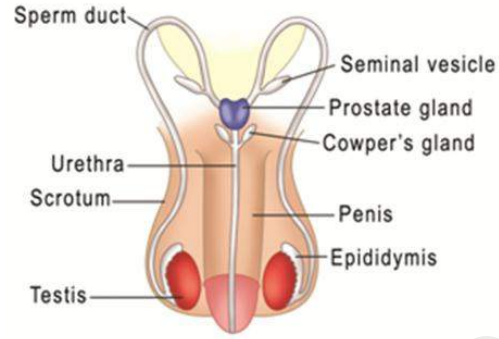
Reproduction in humans  
Reproductive system in females



Labels in diagram: Ovary, Fallopian Tube, Uterus, Endometrium, Cervix, Vagina, Vulva.

- The Fallopian tubes receive the egg released from the ovary once a month.
- Ovaries produce eggs and are seen in the lower half of the abdomen
- The uterus (womb) is highly muscular, development of baby occurs here. It is lined by endometrium
- Vagina or birth canal opens out from the uterus. Sperm fuses with egg in fallopian tube(fertilization) to form zygote  
Zygote → embryo → foetus → undergoes gestation → birth

**Reproductive system in males**



Labels in diagram: Sperm duct, Seminal vesicle, Prostate gland, Cowper's gland, Urethra, Scrotum, Penis, Epididymis, Testis.

- Testes produce sperms, lie outside the body in a sac called scrotum
- Epididymis → form the sperm duct → open at the top of the urethra
- The urethra carries both urine and semen
- Glands:
  - Seminal vesicles produce a fluid for easy movement of sperms.
  - The prostate gland produces a fluid which makes the semen alkaline in nature
  - Cowper's glands They produce a lubricating fluid

All the secretions from the glands + sperms = semen

**Adolescence and puberty**

