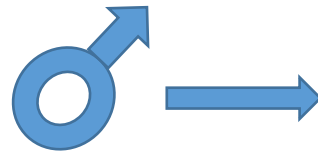
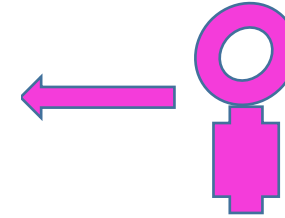
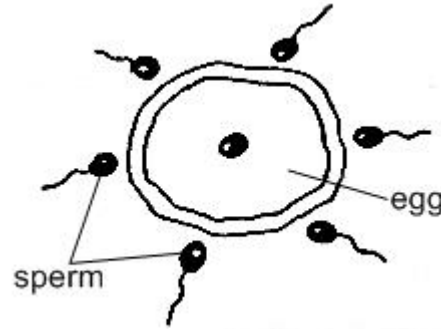


Heredity is the passing of traits from parents to their offspring. This is controlled by genes.

Reproduction in Human



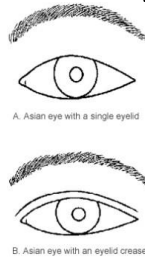
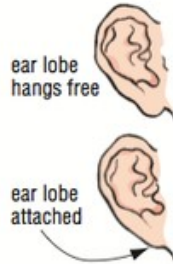
Testis produces sperms (similar to anther produces pollen grains in flowers)



Ovary produces egg cell (similar to ovary contains ovules in flowers)

Traits that can be inherited:

- ✓ Attached/detached ear lobes
- ✓ Ability to roll tongue
- ✓ Double/Single eyelid
- ✓ Widow's peak
- ✓ Hitchhiker's thumb
- ✓ Eye colour



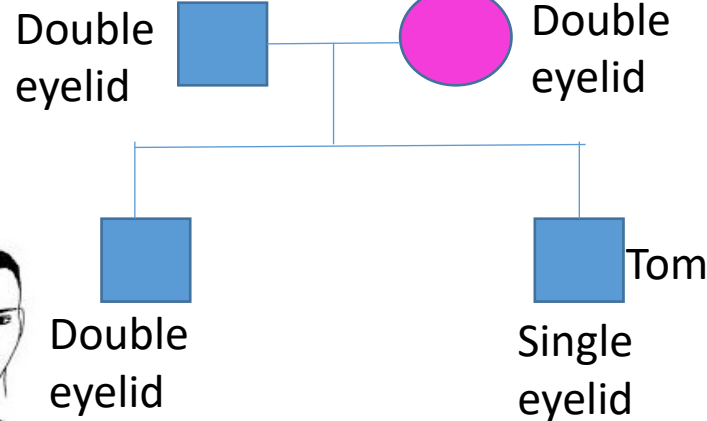
Traits that are not inherited:

- Length of hair
- Length of fingernails
- Scars



Hitchhiker's Thumb

- Only **1 sperm** will fertilise the egg cell.
- **Fertilisation** occurs at the **fallopian tube**.
- **Fertilised egg** develops in the **womb (uterus)**.



How come Tom has single eyelid even though both his parents have double eyelid? *He might have inherited the single eyelid genes from his grandparents.*

