

6.1 & 6.3 - For each term, NEATLY write the **definition** on the back of the card, including the answer to the question.

## Somatic cell

What are some examples of somatic cells in the human body?

## Sex chromosome

What combination of sex chromosomes determines male and female gender in mammals?

## Gamete

What are the names of the male and female gametes?

## Sexual reproduction

How is the genetic makeup of an organism produced by sexual reproduction different than one produced asexually?

## Homologous chromosome

Are homologous chromosomes identical to each other? Explain.

## Fertilization

What happens to the nuclei of an egg and sperm following fertilization?

## Autosome

How many pairs of chromosomes make up your autosomes?

## Diploid

What is the number of chromosomes in human somatic cells?