

6.3 & 6.4 - For each term, NEATLY write the **definition** on the back of the card, including the answer to the question.

Haploid

Why is it important that gametes are haploid cells?

Purebred

Why was it important that Mendel used purebred plants in his experiments?

Meiosis

How many times is DNA copied and divided during meiosis?

Cross

What observations did Mendel make of the F₁ and F₂ generations?

Traits

Give two examples of traits not listed in the textbook.

Law of segregation

Explain how Mendel's choice of either-or characteristics aided his research?

Genetics

How did Mendel's findings lay the groundwork for genetics?