

Meiosis – 30-Second Instant Cram

Sheet

Purpose:

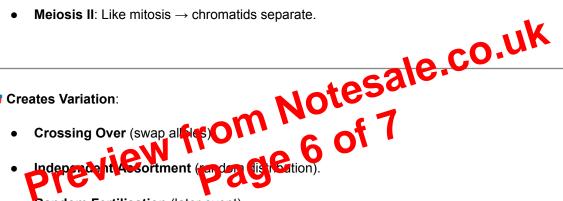
Make haploid gametes + generate genetic variation.

Key Events:

- Prophase I: Synapsis + Crossing Over.
- **Metaphase I**: Independent Assortment (bivalents).
- Anaphase I: Homologous chromosomes separate.
- **Meiosis II**: Like mitosis → chromatids separate.

@ Creates Variation:

Crossing Over (swap al less)



Random Fertilisation (later event).

Super-Charged Key Words:

Synapsis | Chiasmata | Bivalent | Recombinant | Reduction Division

Final Result:

4 genetically unique haploid gametes.

Instant A Flex*:

"Meiosis halves the chromosome number and introduces genetic diversity via crossing over and independent assortment."