Meiosis Mini-Poster

Create a mini-poster on a normal-sized sheet of paper that shows, describes, and explains the process and purpose of meiosis.

Poster checklist

- ☐ *Title*
- ☐ *Shows pictures of at least 8 stages of meiosis (PMAT I and PMAT II)*
- ☐ *Labels each picture with the stage name*
- ☐ *Briefly describes what is happening at each stage.*
    - *Remember that meiosis II is very similar to mitosis*
- ☐ *Includes labeled illustrations of crossing over and independent assortment*
- ☐ *Describes the final product of meiosis*
- ☐ *Explains how the daughter cells of meiosis will be used or what kinds of cells they will become.*

The diagram may be printed from a website, but all labels/ descriptions/ names must be handwritten

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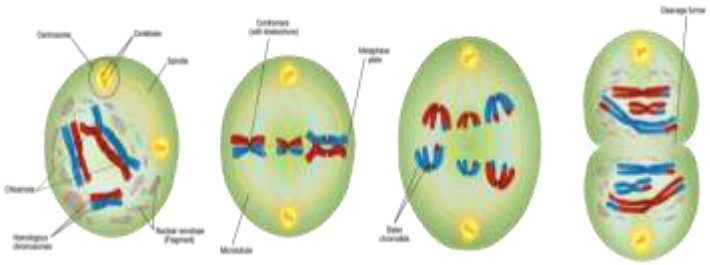
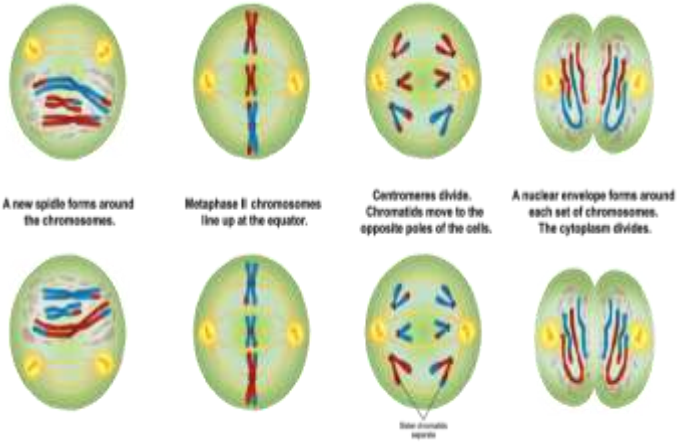


The chromosomes condense, and the nuclear envelope breaks down. Crossing-over occurs.

Pairs of homologous chromosomes move to the equator of the cell.

Homologous chromosomes move to the opposite poles of the cell.

Chromosomes gather at the poles of the cells. The cytoplasm divides.

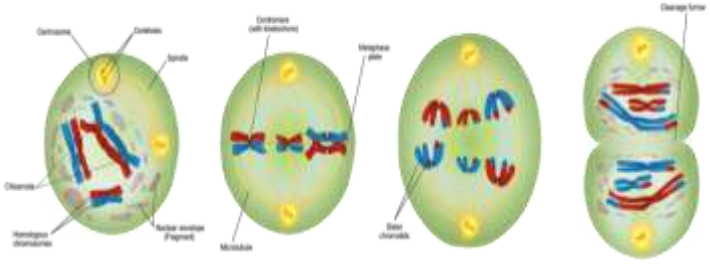


A new spidle forms around the chromosomes.

Metaphase II chromosomes line up at the equator.

Centromeres divide. Chromatids move to the opposite poles of the cells.

A nuclear envelope forms around each set of chromosomes. The cytoplasm divides.



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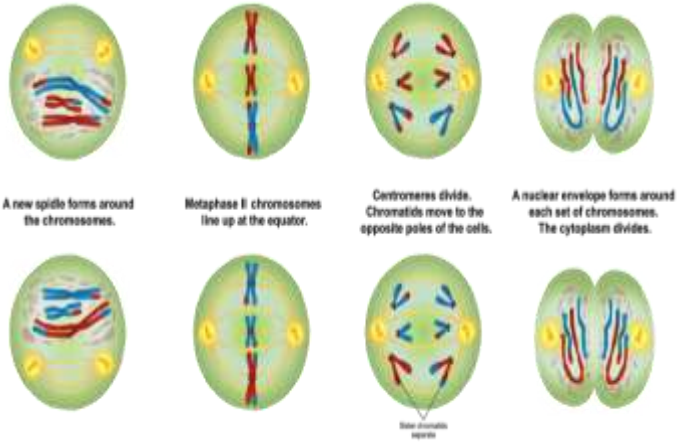

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