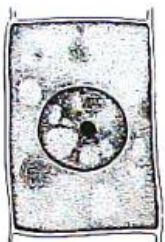


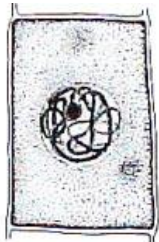
Lab Final Review

Phases of Mitosis

Plant Cells:



Interphase



Prophase



Metaphase



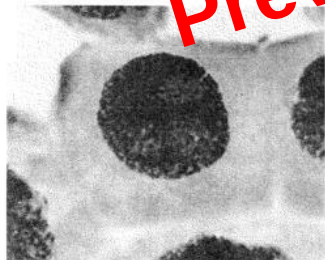
Anaphase



Telophase

cell plate

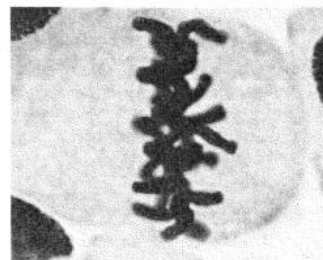
Animal Cells:



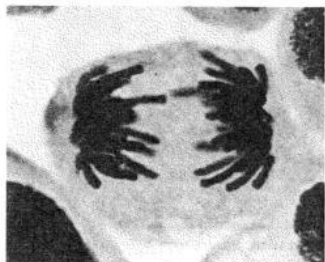
Interphase. DNA molecules of chromosomes (chromatin) replicating; chromosomes dispersed in nucleus as chromatin.



Prophase. Chromatin condenses into chromosomes.



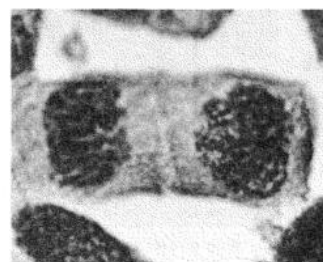
Metaphase. Chromosomes line up on equator of cell; centromeres attach to spindle fibers; longitudinal separation of chromatids (now chromosomes) occurs; chromatids remain joined at centromere.



Anaphase. Centromeres divide; each set of chromosomes moves towards the opposite end of the cell.



Telophase. Spindle fibers disappear; chromosomes become diffuse; nuclear membrane and nucleolus reappear; cytokinesis (cytoplasmic division) occurs.



Daughter Cells. Mitosis and cytokinesis complete; two new cells in interphase result.

Preview from Notesale.co.uk
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