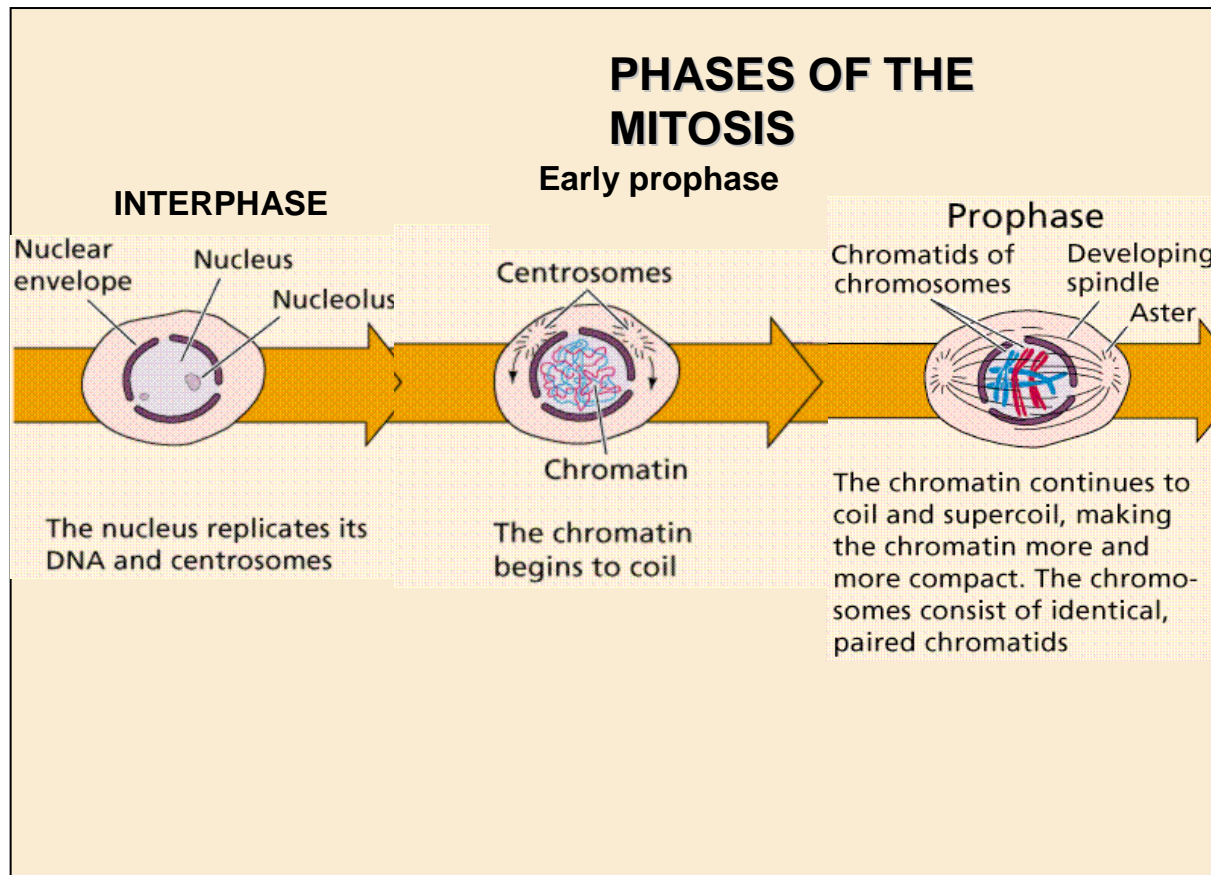
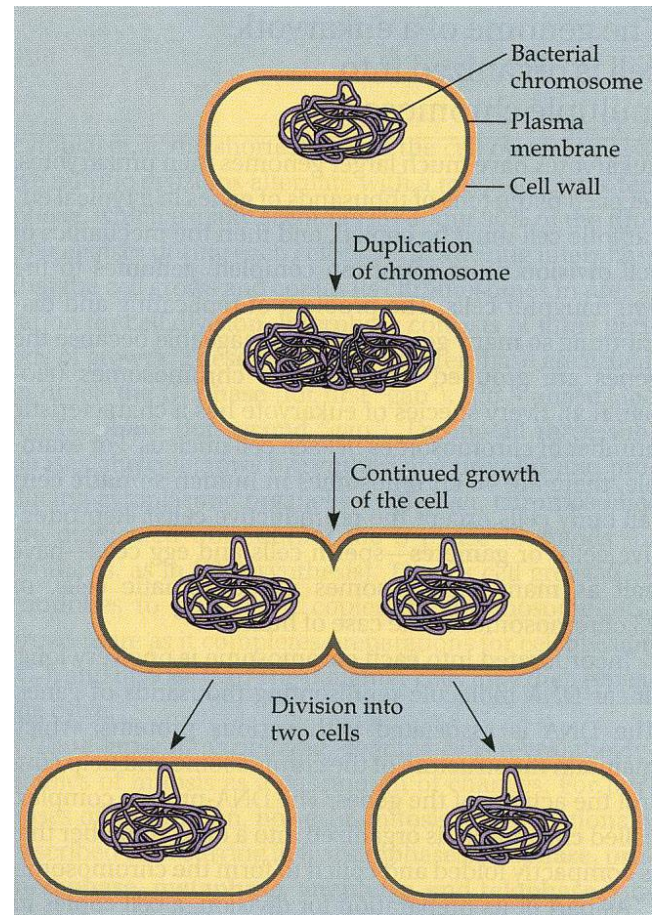
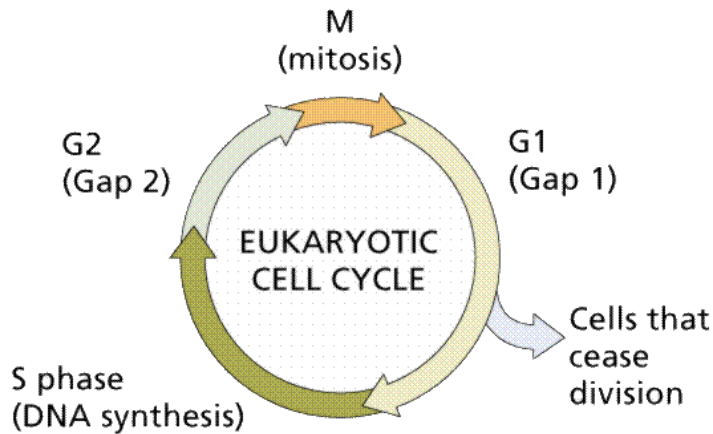


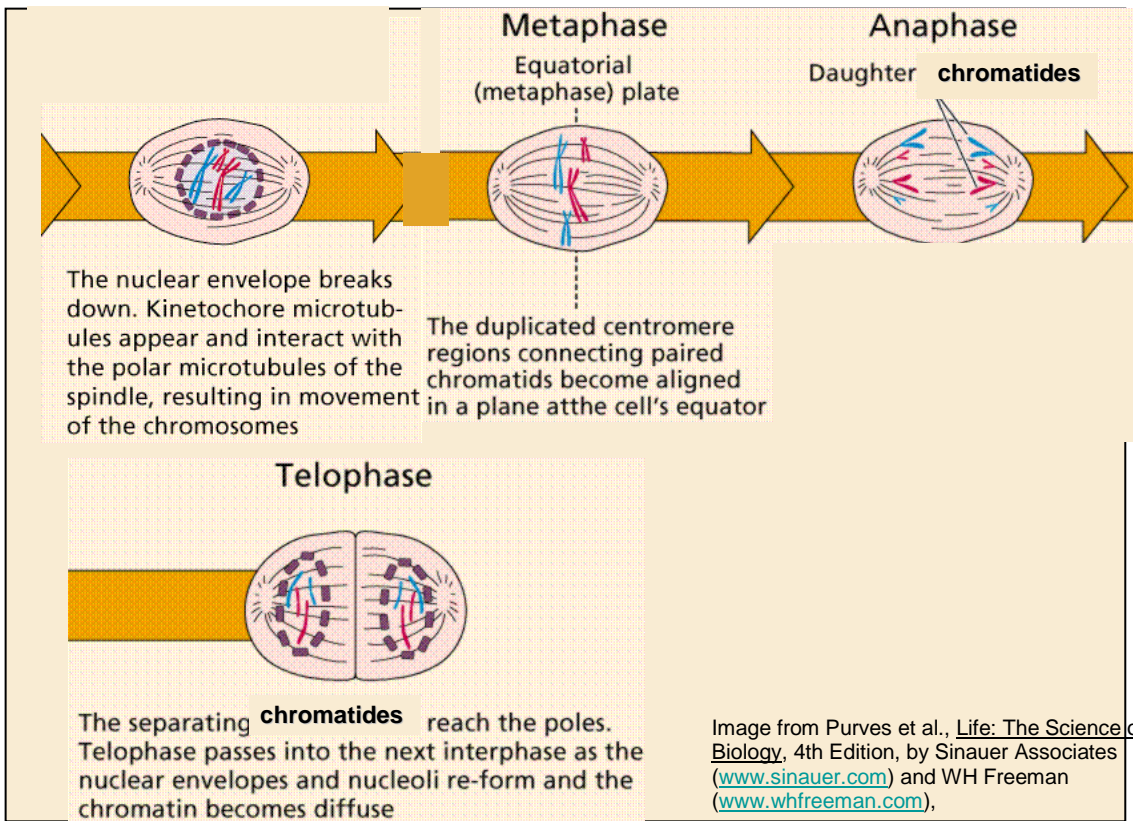
## CELL DIVISION I.: MITOSIS

Prokaryotes are divided by simple fission. BUT eukaryotic cells of the body divide by cell division called mitosis.

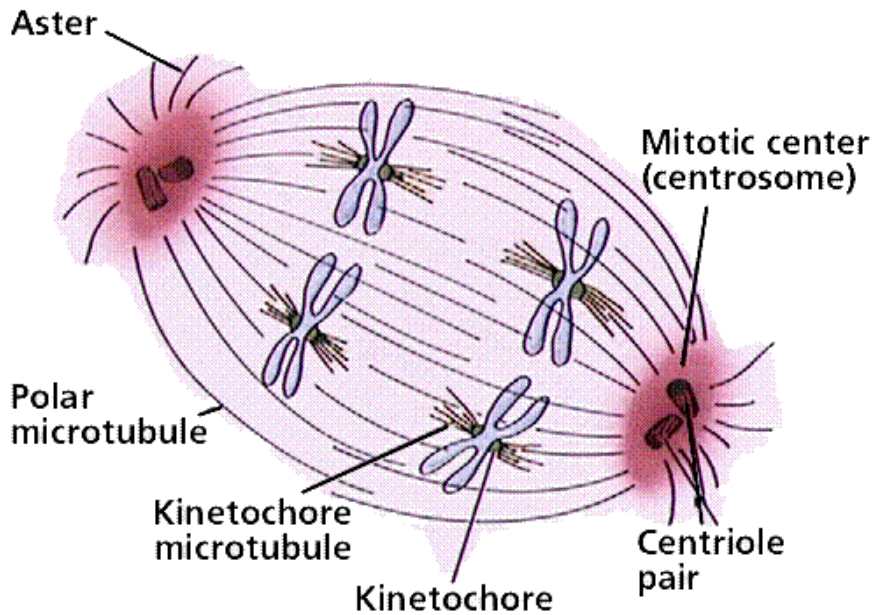
CELL CYCLE of a cell consists of different phases. In the gap phases (G1, G2) the cell prepares for the next coming phase. In S phase, DNA synthesis (replication) occurs, in the M phase the cell divides by mitosis.







**MICROTUBULES IN CELL DIVISION**



**During mitosis, from one diploid (2n) cell two diploid (2n) daughter cells are formed.**

End of mitosis - separation of the two daughter cells (cytokinesis)

