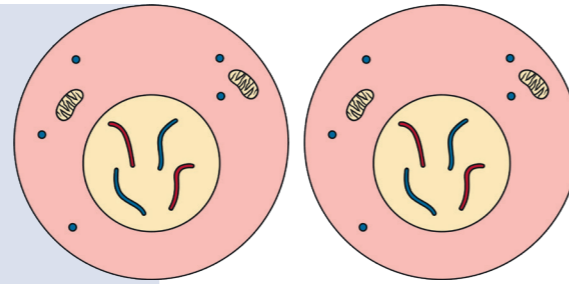
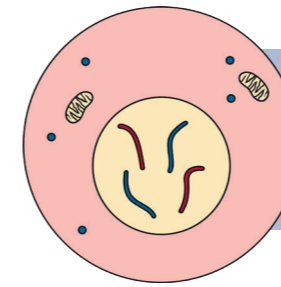


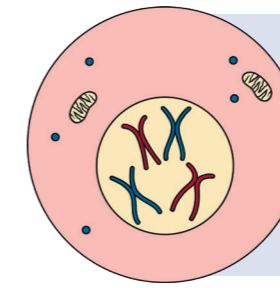
The cytoplasm and cell membrane divide to form two identical daughter cells.



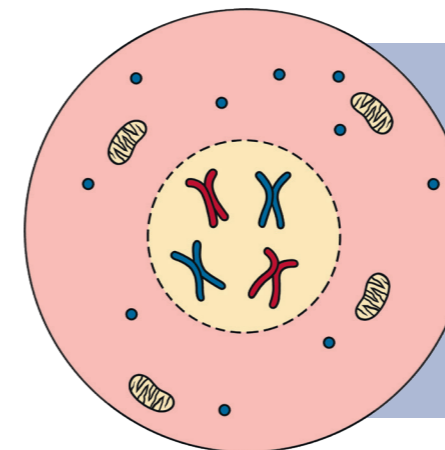
Temporary resting phase or the cell stops dividing.



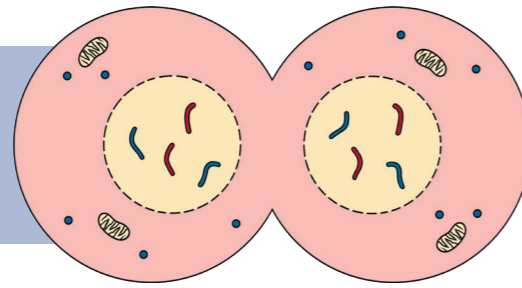
The DNA in the nucleus replicates to form two copies of each chromosome.



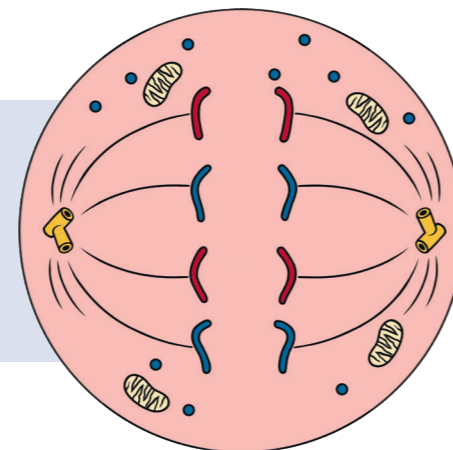
The cell grows and increases the number of sub-cellular structures such as ribosomes and mitochondria.



The nucleus divides.



One set of chromosomes is pulled to each end of the cell.



# The Cell Cycle

cell division

mitosis

DNA replication and cell growth