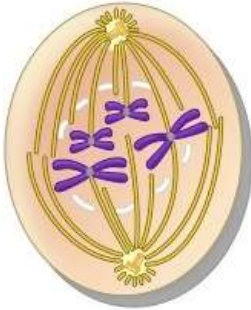


The Cell Cycle



INTERPHASE:

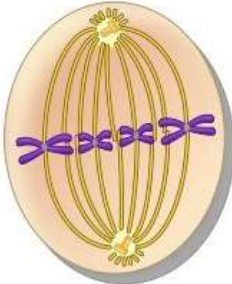
1. Cell grows (G₁)
2. DNA replicates (S)
3. Centrioles made and sent outside the nucleus (G₂)



MITOSIS:

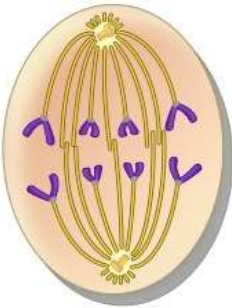
Prophase: PREPARE

1. Chromosomes thicken
2. Nuclear membrane dissolves
3. Centrioles form a spindle



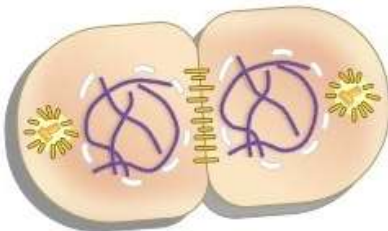
Metaphase: MIDDLE

1. Centrioles attach spindles to centromeres
2. Spindles pull chromosomes into line in the middle



Anaphase: APART

1. Chromosomes are pulled apart EQUALLY



Telophase: TWO NUCLEI

1. Cell membrane begins to pinch in two



CYTOKINESIS:

1. The cell splits into two identical diploid daughter cells