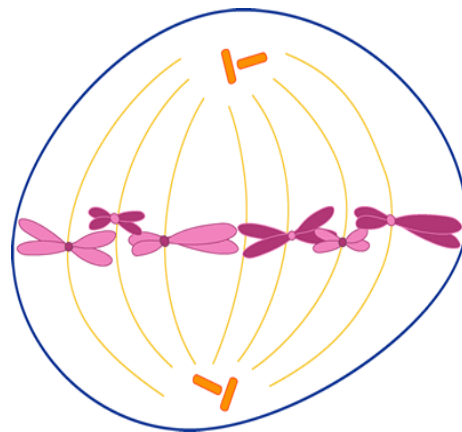


# Chapter 10: HOW CELLS DIVIDE

- Anaphase
- Aster
- Binary fission
- Cancer
- C phase
- Cell cycle
- Cell plate
- Centrioles
- Centromere
- Chromatid
- Chromatin
- Chromosome
- Cleavage furrow
- Cohesins
- Condensation
- Cyclins
- Cyclin-dependent kinase (Cdk)
- Cytokinesis
- Euchromatin
- G<sub>0</sub> phase
- G<sub>1</sub> phase
- G<sub>1</sub>/S checkpoint
- G<sub>2</sub> phase
- G<sub>2</sub>/M checkpoint
- Genome
- Growth factor
- Heterochromatin
- Histone proteins
- Interphase
- Karyotype
- Kinetochore
- M phase
- Metaphase
- Metaphase plate
- Microtubule
- Middle lamella
- Mitosis
- Nucleosome
- Oncogenes
- p53 gene
- Prophase
- Proto-oncogenes
- Replication origin
- S phase
- Septum
- Sister chromatids
- Spindle apparatus
- Spindle fiber
- Telophase
- Tubulin
- Tumor-suppressor gene



# Chapter 11: SEXUAL REPRODUCTION and MEIOSIS

- Aneuploid gametes
- Asexual reproduction
- Chiasma (chiasmata)
- Crossing over
- Diploid ( $2n$ )
- Fertilization (Syngamy)
- Gametes
- Genetic recombination
- Germ-line cells
- Haploid ( $1n$ )
- Homologous chromosome (Homologue)
- Independent assortment
- Meiosis I
- Meiosis II
- Parthenogenesis
- Sexual reproduction
- Somatic cells
- Synapsis
- Synaptonemal complex
- Zygote

