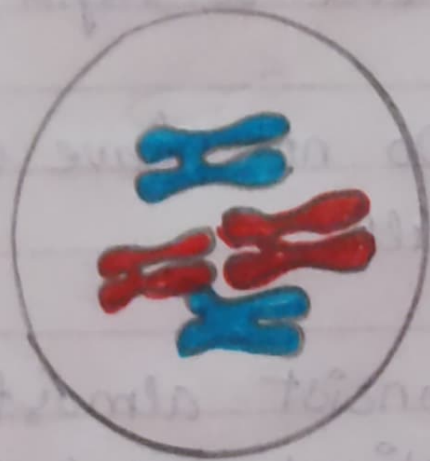


CH-5 Fundamental unit of life

① Plant Cell	Animal Cell
↳ Usually larger, with a rigid shape	↳ Generally smaller, without a rigid shape.
↳ Have cell walls made of cellulose	↳ Do not have cell walls.
↳ Have only a thin lining of cytoplasm with a large central vacuole	↳ Consist almost entirely of cytoplasm; Vacuoles are either absent, or very small.
↳ Have plastids	↳ Do not have plastids.
↳ Do not contain centrioles	↳ Contain centrioles.

1/2

① Parent Cell



Mitosis

It does not contain centrioles

- 2n

The process of cell division by which most of the cells divide for growth is called Mitosis. In this process, each cell called mother cell divides to form two identical daughter cells. The daughter cells have the same number of chromosomes as mother cell. It helps in growth and repair of tissues in organisms.