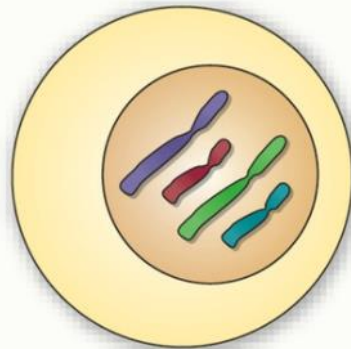


6.1 Chromosomes and Meiosis

• Body cells are diploid; gametes are haploid.

- **Diploid ($2n$) cells**

- have two copies of every chromosome.
- One from the mother and one from the father.
- **Body cells** typically diploid
- Result from Mitosis.

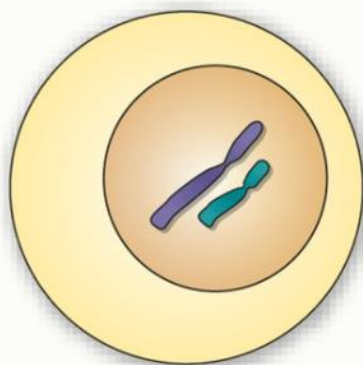


Body cells are diploid ($2n$).

6.1 Chromosomes and Meiosis

- **Haploid (n) cells**

- have one copy of every chromosome.
- Gametes are haploid.
- **Gametes** have 22 autosomes and 1 sex chromosome
- Result from Meiosis



Gametes (sex cells) are haploid (n).