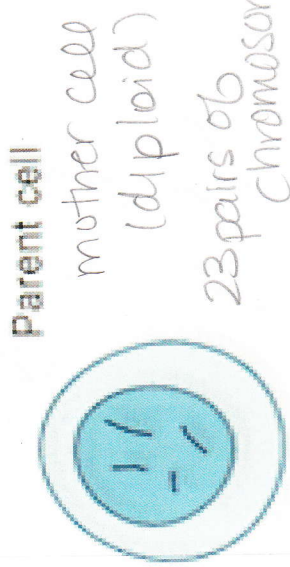
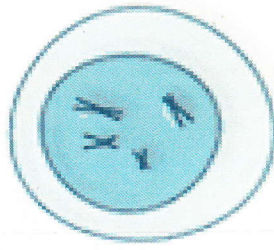


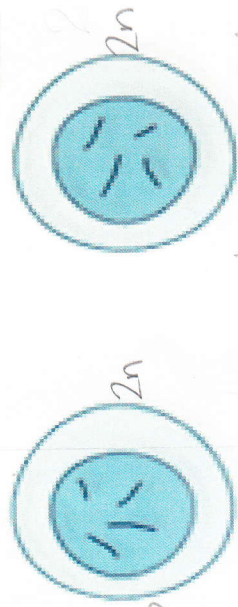
Mitosis



DNA replicates



2 daughter
cells (2n)

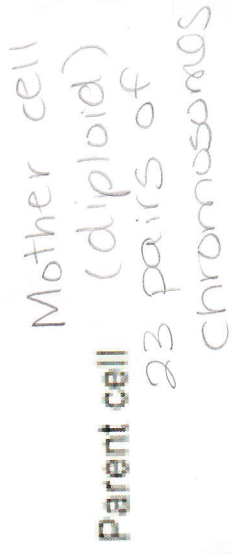


Diploid
23 pairs
Chromosomes
(the
each)

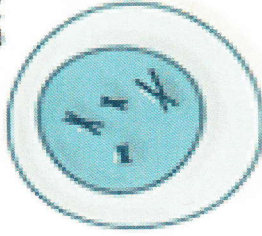
(same amount as parent cell)

U.S. National Library of Medicine

Meiosis

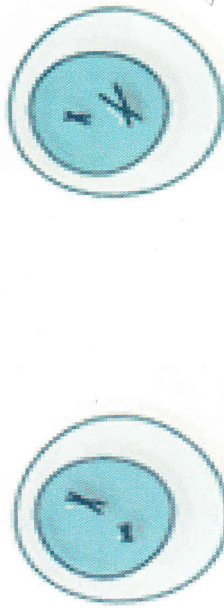


DNA replicates



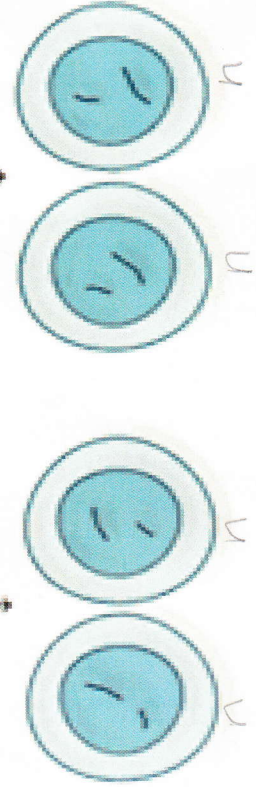
First division of DNA
meiosis after
replication

2 daughter
cells



2nd division
with DNA
Replication

4 daughter
cells



Haploid
sex cells
gametes
sperm.
eggs.

23 Chromosomes each