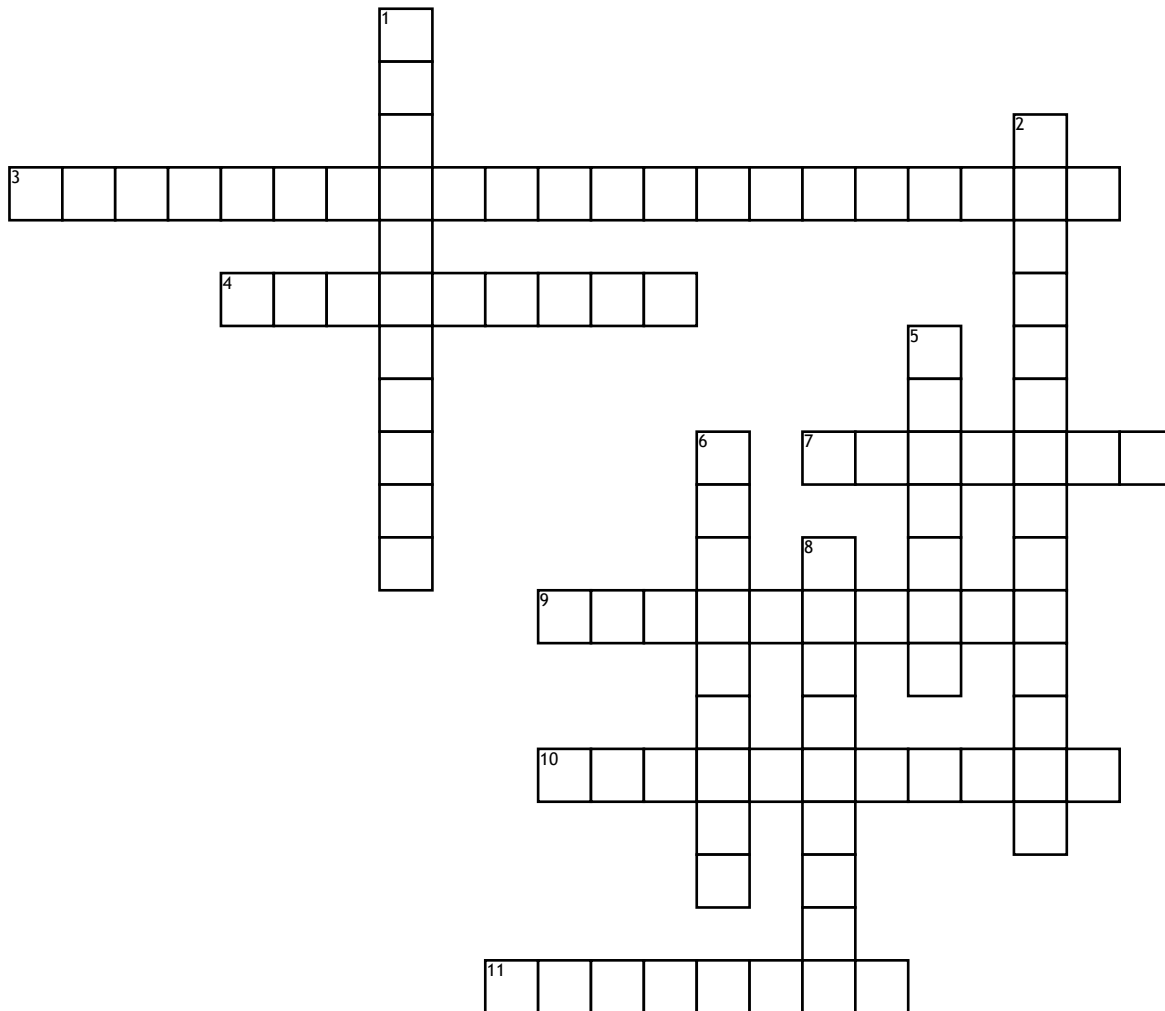


# Biology- Cell Reproduction (CH 8)



## Across

3. pair of chromosomes that match in size, shape, and arrangement of genetic material
4. all of the chromosomes in an organism that are not sex chromosomes
7. cells have only one set of chromosomes and make up gametes or sex cells made by meiosis
9. Duplicated chromosomes held together
10. a special protein that holds two chromatids together
11. in eukaryotic cells DNA wraps around this protein to help maintain compact structure of chromosomes

## Down

1. rod shaped structures made of DNA and protein, simpler in prokaryotes (circular DNA strands)
2. chromosomes that determine the sex of an organism
5. 2N cells have two sets of chromosomes, called somatic cells, made by mitosis
6. DNA long and thin, extended and not visible, active cellular job
8. photograph chromosomes during cell division