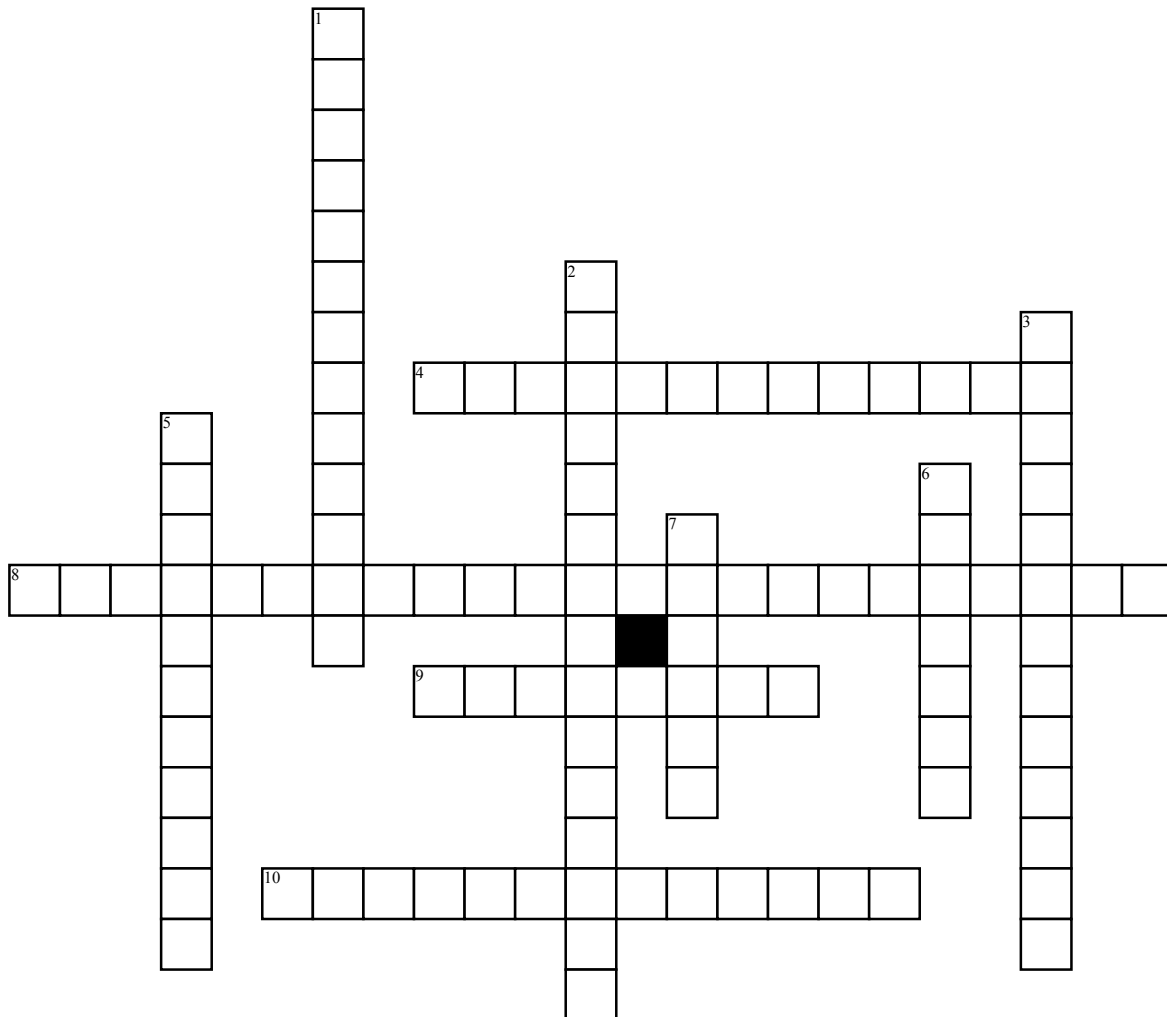


# DNA replication



## Across

4. Enzymes that synthesize DNA molecules from deoxyribonucleotides, or the building blocks of DNA

8. What describes the mechanism where DNA is replicated in all known cells?

9. A class of enzymes vital to all living organisms

10. An enzyme that alters the supercoiled form of a DNA molecule

## Down

1. DNA strand that is discontinuously replicated

2. Where the replication of DNA usually takes place

3. Strand of DNA that is replicated continuously

5. An aromatic heterocyclic organic compound similar to pyridine

6. What is a heterocyclic aromatic organic compound that consists of a pyrimidine ring fused to an imidazole ring?

7. An enzyme that brings about ligation of DNA or another substance.