

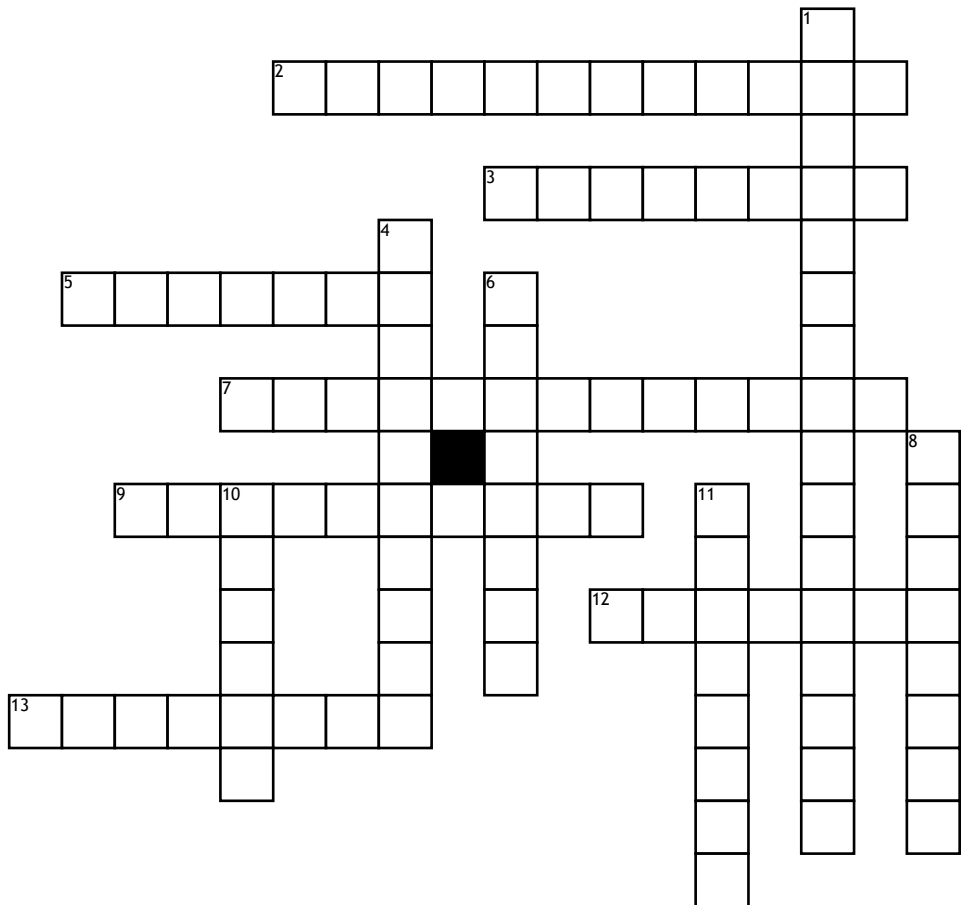
DNA Replication

Across

- 2. The subunits of DNA strands run
- 3. Who produced the picture of DNA using x-ray crystallography?
- 5. This adds the primers (RNA)
- 7. What enzyme relieves the strain caused while separating strands?
- 9. What enzymes catalyze the synthesis of new DNA?
- 12. The fragments of the lagging strand are also called what type of fragments?
- 13. In base pairing, adenine goes to thymine and guanine goes to ?

Down

- 1. Meselson and Stahl determined DNA replication followed which model?
- 4. What enzyme acts as a buffer to prevent gene shortening in DNA strands?



- 6. _____ repair corrects errors in base pairing
- 8. What enzyme untwists the double helix at the replication forks?
- 10. What connects the fragments?
- 11. He reported that DNA composition varies from one species to the next.

