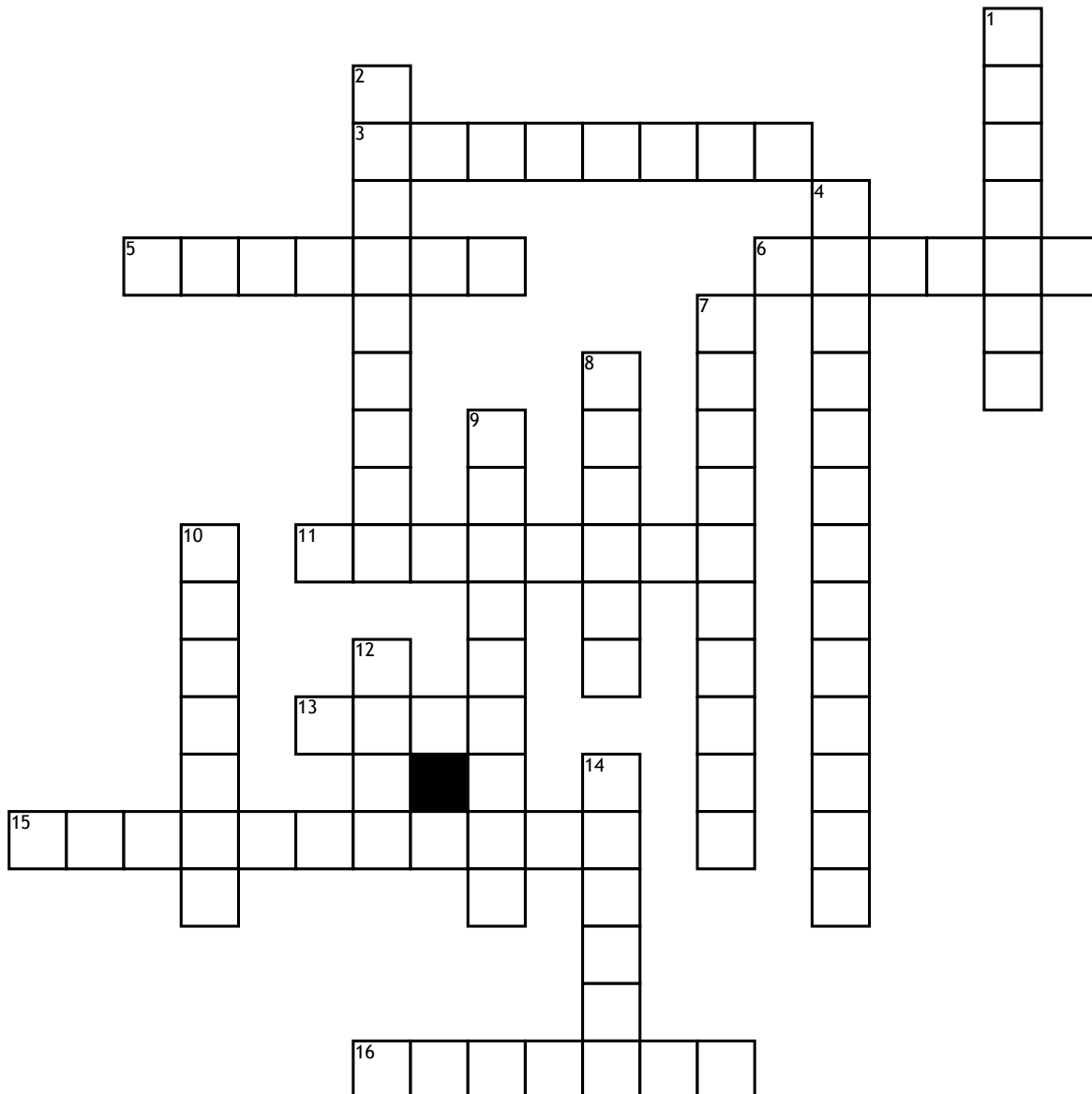


Unit 4 - Replication and Protein Synthesis



Across

3. type of weak bond between bases
 5. cell division that results in gametes
 6. Base that is in RNA only
 11. Enzyme often used to separate strands of a DNA double helix
 13. RNA molecules that convey genetic information from DNA to the ribosome
 15. transferring information from mRNA to tRNA to ultimately code for amino acids

16. Inside cell, where DNA stays

Down

1. Base that bonds with cytosine.
 2. strong bonds that make up backbone of DNA and RNA molecule
 4. copying a gene's DNA sequence to make an mRNA molecule
 7. Phosphate, sugar, base
 8. an enzyme that closes a DNA molecule after replication

9. Chain of these make up a protein

10. Base that bonds with thymine or uracil.
 12. RNA molecules that convey genetic information from mRNA to amino acids
 14. chemical that acts to ring about a specific reaction at a specific time.