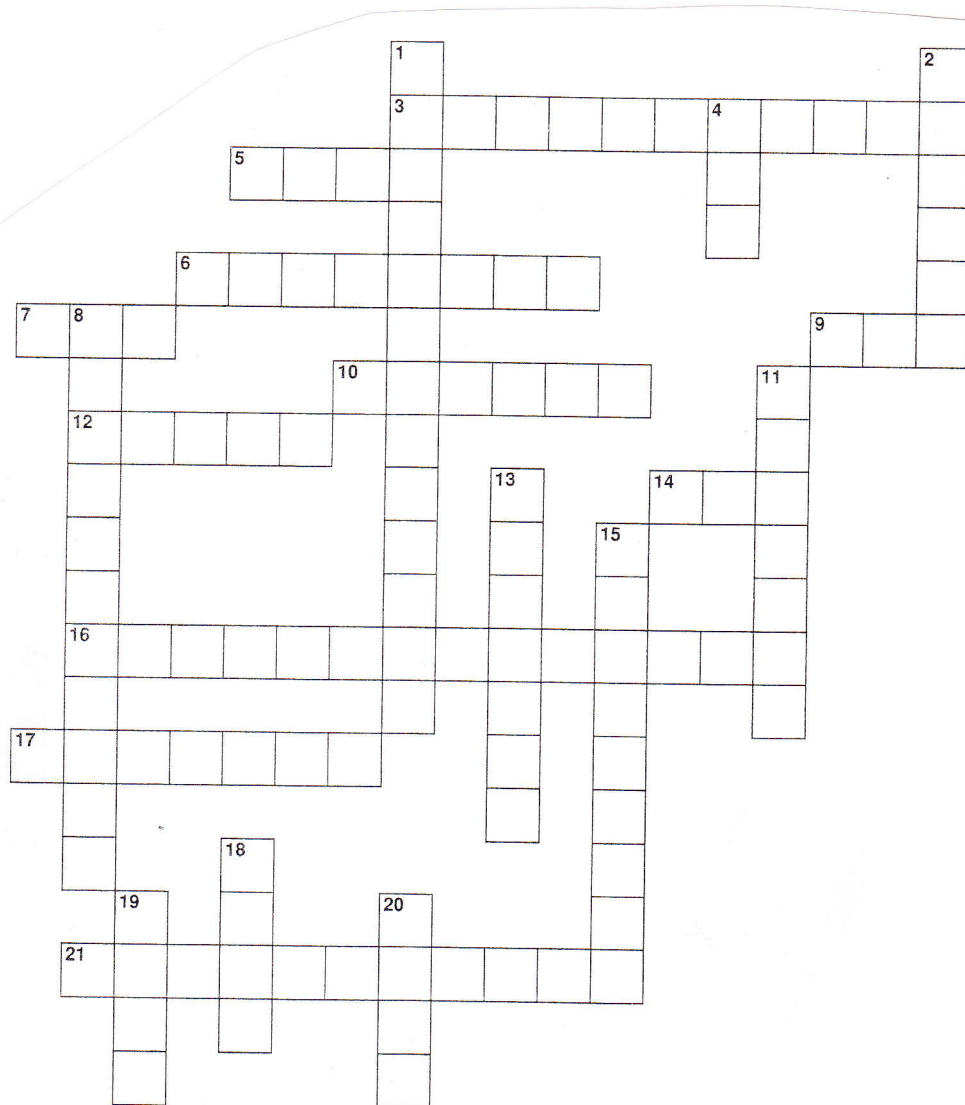


## Chapter 12 Vocabulary Review DNA and RNA



**Across**

- 3. Another term for DNA synthesis (pg. 299)
- 5. Ribosomes are made up of two subunits: proteins and \_\_\_\_\_ (pg. 301)
- 6. Nitrogenous base that bonds with guanine (pg. 294)
- 7. Nucleic acid that carries the genetic code of an organism (pg. Notes)
- 9. Suffix that identifies a substance as an enzyme (Notes)
- 10. Nitrogenous base found in RNA but not in DNA (pg. 301)
- 12. Code word formed by three nitrogenous bases on a strand of mRNA (pg. 302)
- 14. Single-stranded nucleic acid (pg. 301)
- 16. Process in which a bacterial cell takes in DNA released by a different bacterial cell (pg. 288)
- 17. Nitrogenous base that bonds with thymine (pg. 294)
- 21. The process of decoding mRNA into a protein (pg. 304)

## Down

1. Process by which a molecule of DNA is copied into a strand of RNA (pg. 301)
2. Protein molecule that can speed up a chemical reaction (pg. 51)
4. Start codon (pg. 303)
8. Molecular units that join to form DNA (pg. 291)
11. Nitrogenous base that bonds with cytosine (pg. 294)
13. Nitrogenous base belonging to the pyrimidine group (pg. 291)
15. Three nitrogenous bases on a strand of tRNA (pg. 304)
18. Molecule that carries the genetic information from the nucleus to the cytoplasm (pg. 301)
19. Molecule that carries amino acids to the ribosomes (pg. 301)
20. Type of pairing that holds together the two strands of DNA (pg. 294)