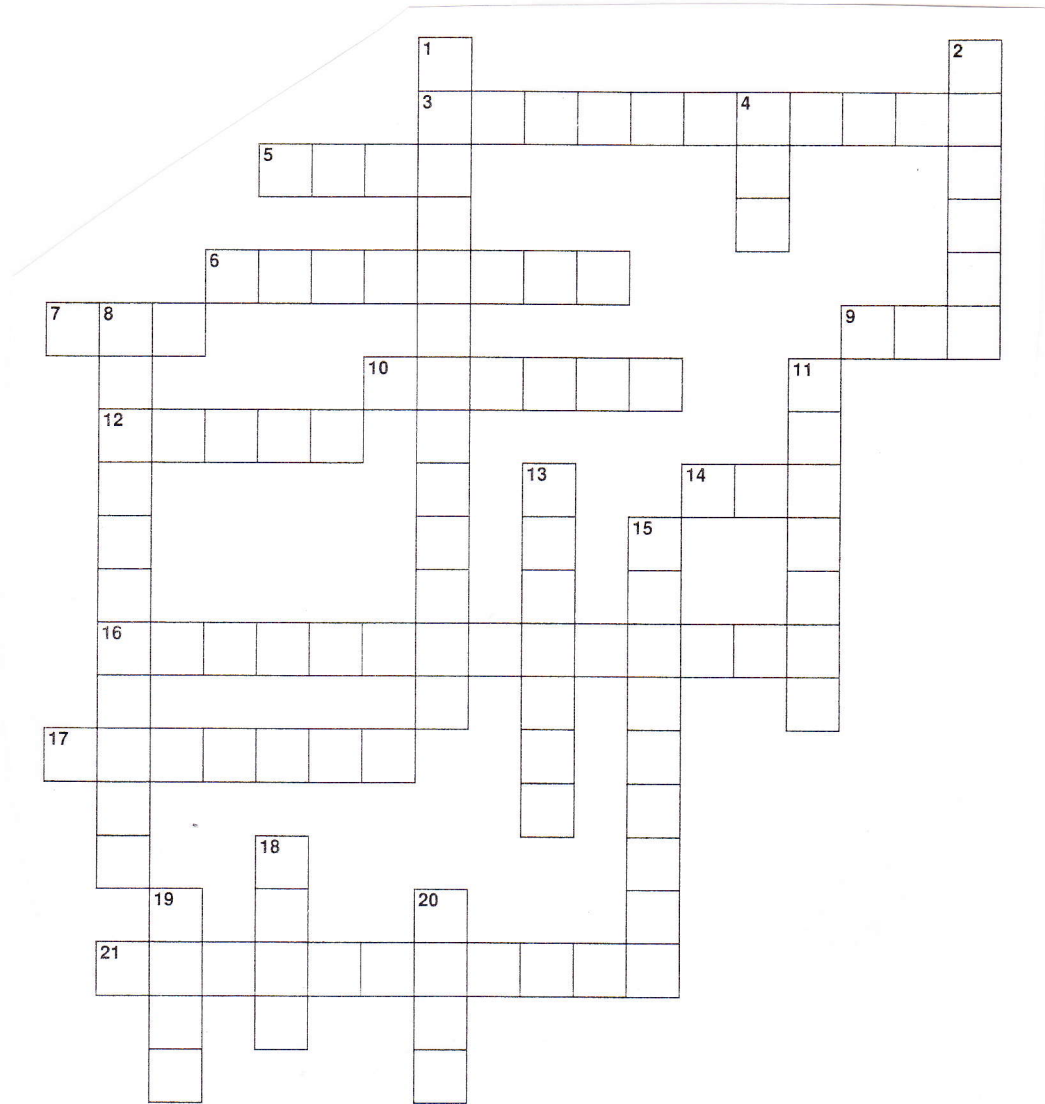


Name \_\_\_\_\_

## Chapter 12 Vocabulary Review DNA and RNA



### Across

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

## Down

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