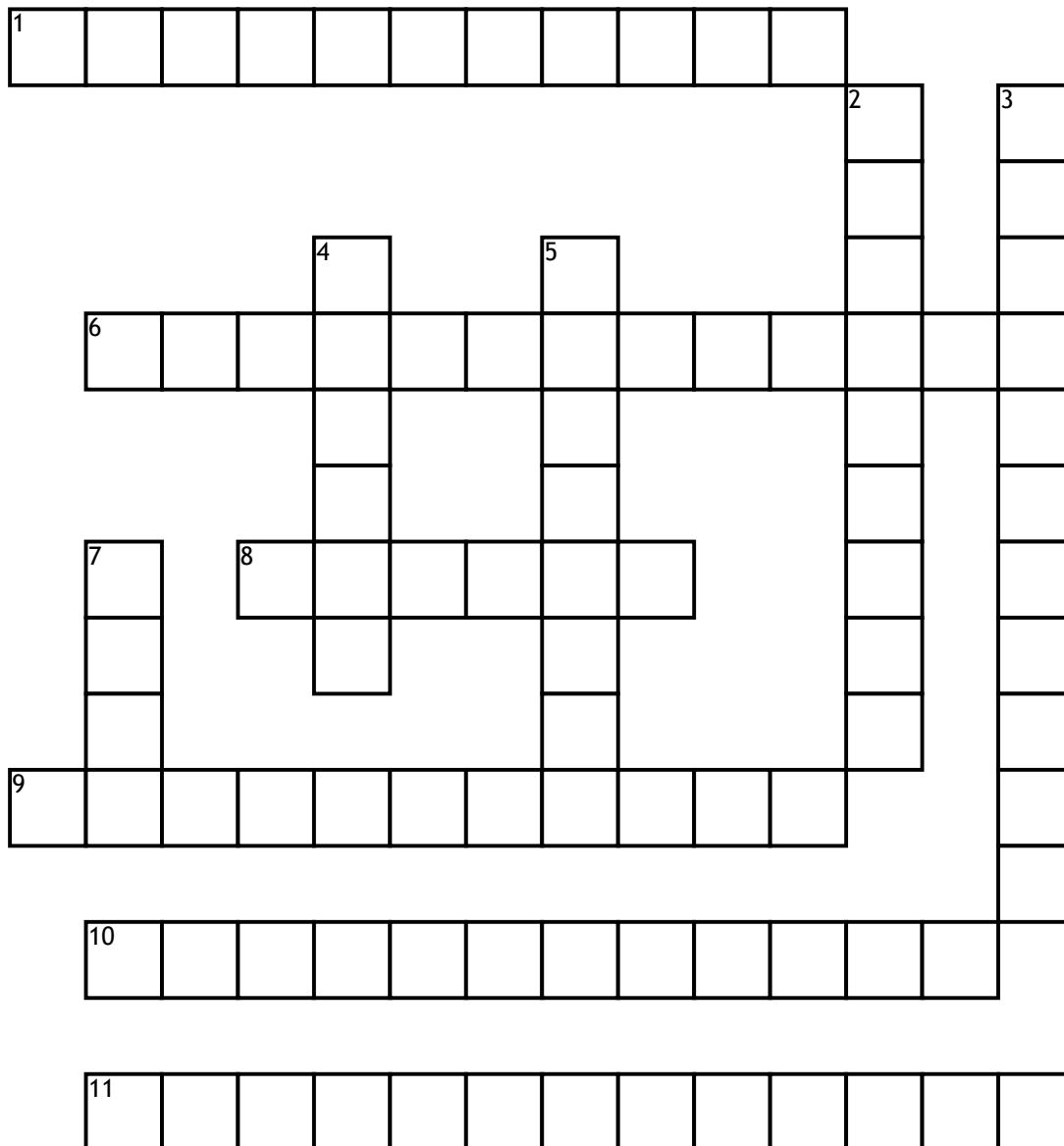


Name: _____ Date: _____ Period: _____

RNA and Protein Synthesis



Across

- 1. decoding of a mRNA message into a polypeptide chain
- 6. process in which part of the nucleotide sequence of DNA is copied into a complementary sequence in RNA
- 8. three-nucleotide sequence on messenger RNA that codes for a single amino acid
- 9. RNA molecule that carries copies of instructions for the assembly of amino acids into proteins from DNA to the rest of the cell
- 10. type of RNA that makes up the major parts of ribosomes

- 11. enzyme similar to DNA polymerase that binds to DNA and separates the DNA strands during transcription

Down

- 2. group of three bases on a tRNA molecule that are complementary to an mRNA codon
- 3. type of RNA molecule that transfers amino acids to ribosomes during protein synthesis
- 4. sequence of DNA that is not involved in coding for a protein
- 5. region of DNA that indicates to an enzyme where to bind to make RNA
- 7. Sequence of DNA that codes for a protein and thus determines a trait