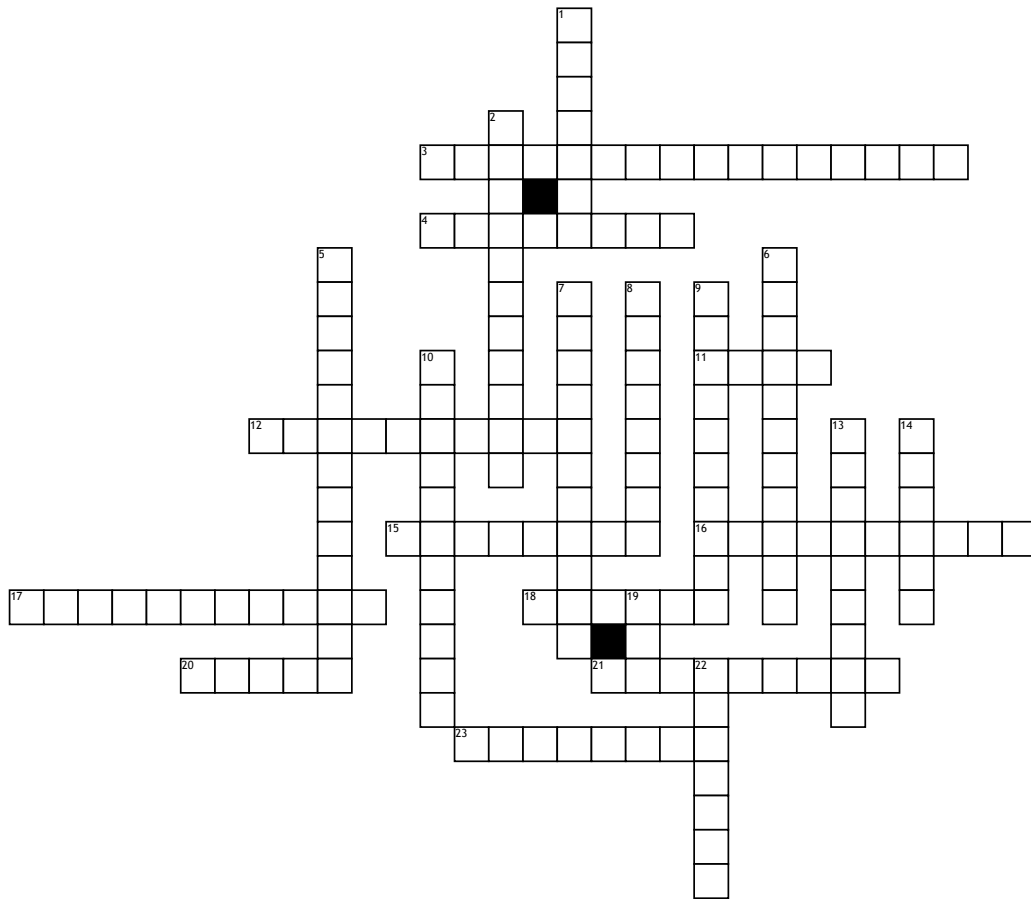


Name: _____

Date: _____

Protein Synthesis and Cell Cycle



Across

3. What is the process of creating proteins called?
 4. Where does mRNA travel to after transcription?
 11. What type of RNA carries the amino acid?
 12. What is the monomer of DNA and RNA?
 15. In what stage of mitosis do chromosomes condense?
 16. What are the monomers of protein?
 17. When do your cells completely separate?
 18. What is the sugar found in RNA?

20. What are groups of three bases called?
 21. In what stage of mitosis do chromosomes line up at the equator of the cell?
 23. There is the same amount of guanine as there is _____ in DNA
Down
 1. Where is DNA found in a Eukaryotic Cell
 2. What is the shape of DNA?
 5. What part of protein synthesis takes place in the nucleus?
 6. What part of protein synthesis occurs in the cytoplasm/ribosome?

7. What type of macromolecule are DNA and RNA
 8. In what stage of mitosis do sister chromatids pull apart?
 9. In what stage do your cells spend most of its life in?
 10. What is the sugar found in DNA?
 13. When is the cell getting prepared to completely split?
 14. What base is found in RNA but not DNA?
 19. How many strands of RNA get made from two strands of DNA?
 22. What base is paired with Thymine in DNA?

Word Bank

Translation

One

Nucleus

Protein Synthesis

Ribosome

Codon

Anaphase

Cytokinesis

Telophase

Prophase

Ribose

Deoxyribose

Nucleotide

Nucleic Acid

Cytosine

Uracil

tRNA

Transcription

Metaphase

Interphase

Double Helix

Adenine

Amino Acids