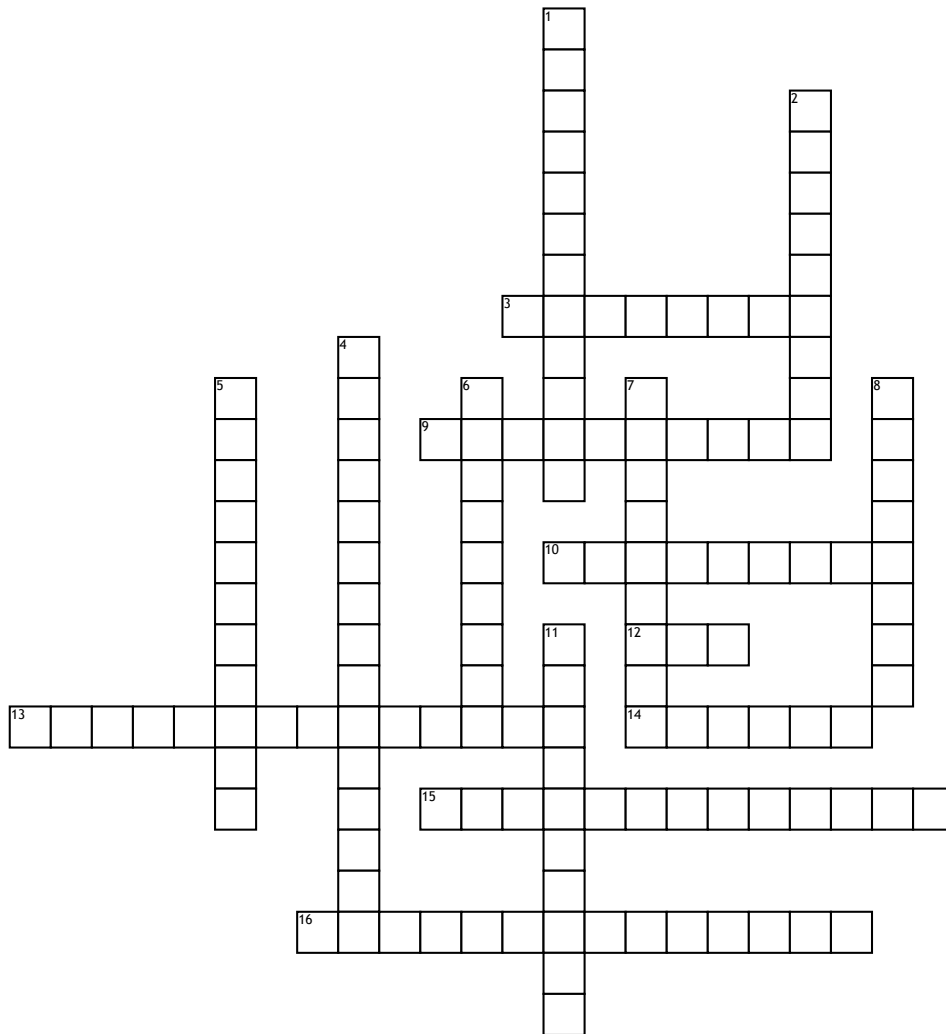


Name: _____ Date: _____ Period: _____

DNA and Genetics Crossword, Aryssa Sandoval



Across

- 3. a particle in a cell that helps synthesize proteins
- 9. a threadlike strand of DNA that carries genes
- 10. of or relating to or constituting a genotype
- 12. a long linear polymer found in the nucleus of a cell
- 13. an allele that produces the same phenotype whether its paired allele is identical or different

- 14. any of the forms of a gene that can occupy the same locus
- 15. an organelle containing enzymes responsible for producing energy
- 16. conversion of the information encoded in a gene first into messenger RNA and then to a protein

Down

- 1. the process in reproduction and growth by which a cell divides to form daughter cells
- 2. a specialized part of a cell; analogous to an organ

- 4. an allele that produces its characteristic phenotype only when its paired allele is identical
- 5. plastid containing chlorophyll and other pigments
- 6. what an organism looks like
- 7. sequence of a gene's DNA that transcribes into protein structures
- 8. the simplest structural unit of an element or compound
- 11. of or relating to or constituting a phenotype

Word Bank

- | | | | |
|---------------|-----------------|------------------|-----------------|
| cell division | DNA | phenotypic | chromosome |
| phenotype | molecule | ribosome | Coding DNA |
| organelle | chloroplast | recessive allele | mitochondrion |
| allele | Dominant Allele | genotypic | gene expression |