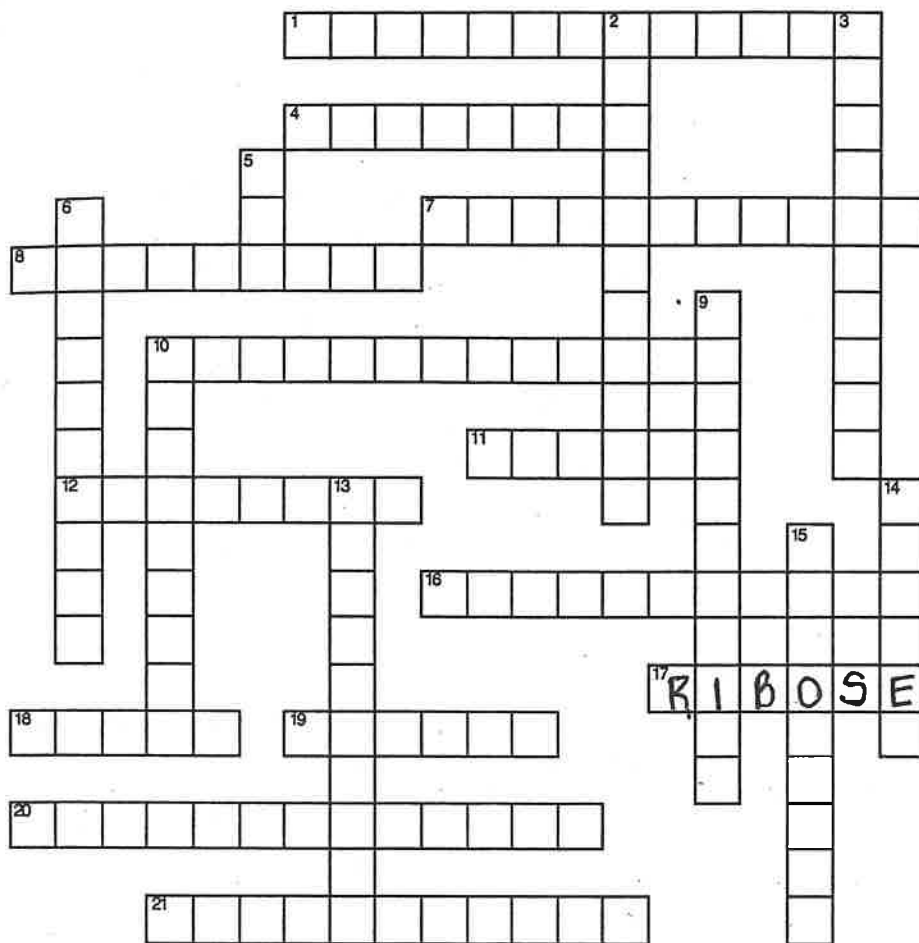


GENETICS CROSSWORD

Name _____

—/21 pts



Across

1. Occurs when a segment of chromosome breaks off and becomes reattached to another chromosome
4. An organism that is heterozygous for two traits
7. Humans have 46 of these.
8. Capacity of one allele to suppress the expression of a contrasting, recessive gene
10. Diagram used to predict the results of genetic crosses
11. This base is found in RNA, but not in DNA
12. Genetic makeup of an individual
16. Assembly of a protein molecule according to the code in a mRNA molecule
17. The sugar in RNA
18. Found on chromosomes, they determine specific characteristics of the organism
19. Different form of a gene
20. The process of producing mRNA from instructions in DNA
21. Sugar in DNA

Down

2. Occurs when both alleles are equally dominant
3. Subunit of DNA consisting of a nitrogenous base, a sugar and a phosphate group
5. Double helix in which the genetic code is found
6. Two dominant or two recessive genes for the same trait
9. Process by which DNA makes an exact copy of itself
10. Appearance of an individual due to its genetic makeup
13. Presence of complete extra sets of chromosomes
14. Conducted experiments on heredity in pea plants
15. Site of protein synthesis