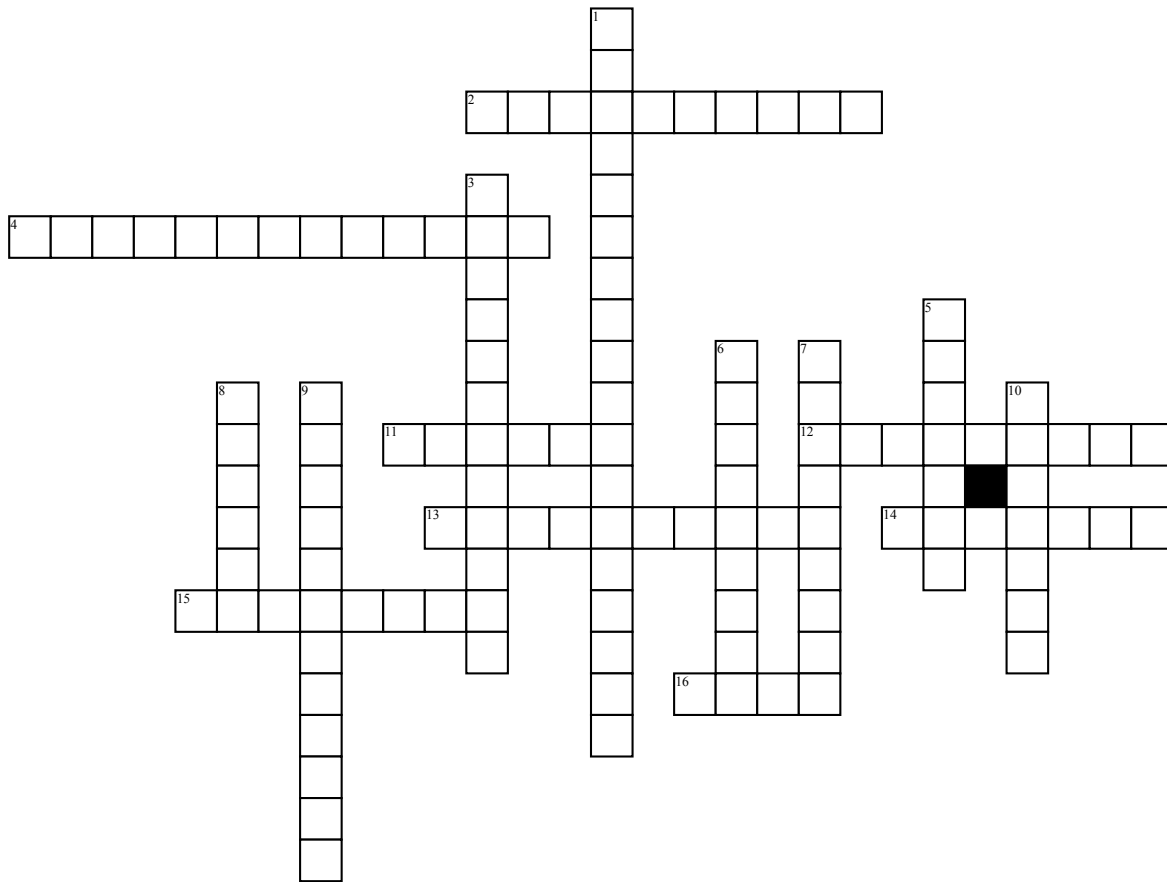


Name: _____

Genetics



Across

2. a cross with sets of alleles with one trait
4. diagram that shows possible genotypes of offspring
11. studied the inheritance of traits
12. one of 2 identical 'sister' parts of a duplicated chromosome
13. allele combination with both parts of genotype identical
14. 2 sets of chromosomes

15. the actual alleles that represent a trait on a chromosome

16. segments of DNA which carry instructions for synthesizing proteins

Down

1. when two organisms are bred together by an artificial means
3. occurs during prophase I
5. 4 daughter cells, haploid, genetically different

6. the physical appearance of a trait

7. The inherited characteristic often masked by the dominant characteristic and not seen in an organism

8. dominant and recessive

9. allele combination with two different parts of genotype

10. 1 set of chromosomes