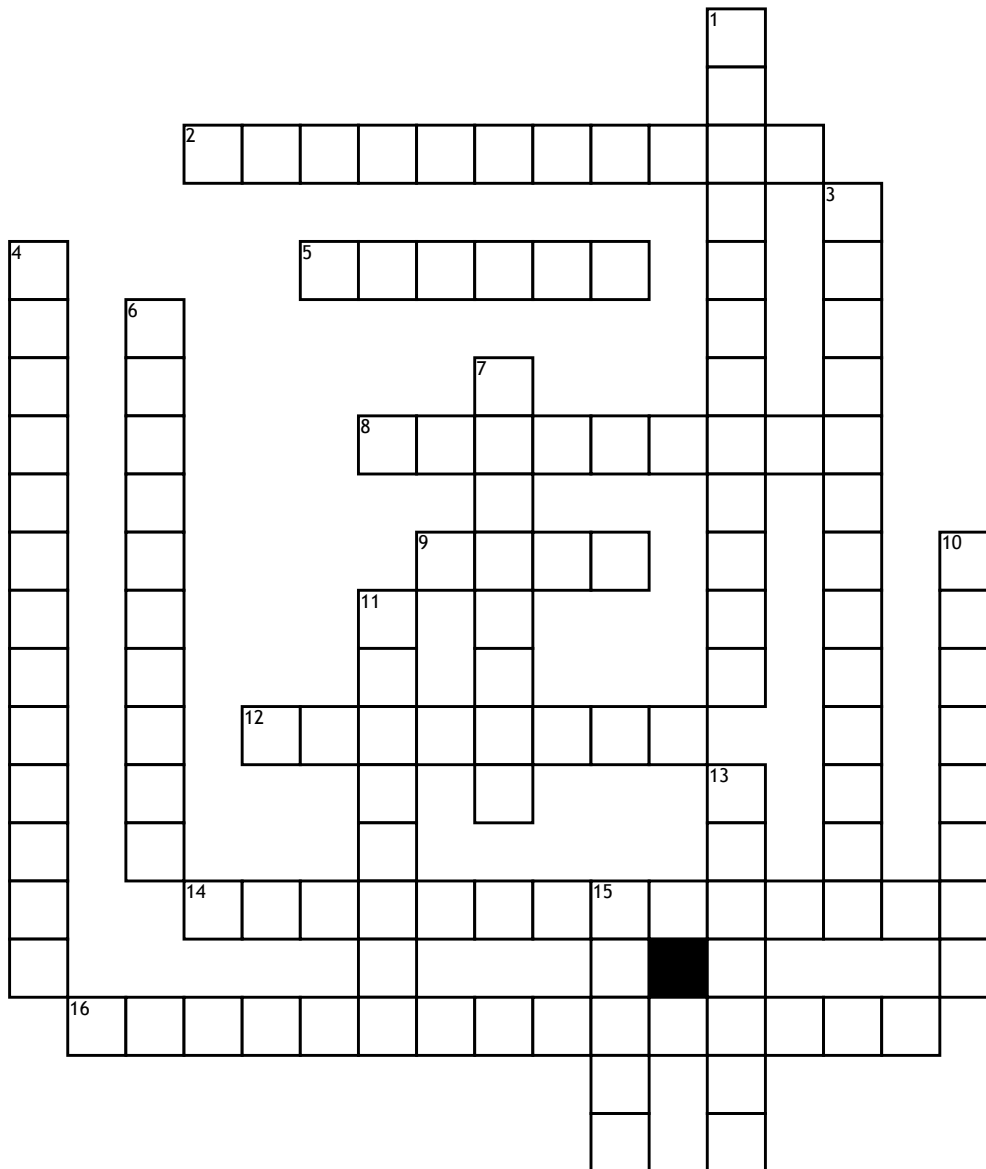


Name: _____ Date: _____

GENETICS CHAPTER 1 AND 2



Across

2. A number that describes how likely it is that a particular event will occur
5. Offspring of crosses that has two different alleles for a trait
8. An organism's physical appearance, or visible traits
9. DNA that determines a trait and its passed from parent to offspring
12. An organism's genetic makeup, or allele combinations

14. Trait always shows up in the organism when the allele is present

16. Hidden whenever the dominant allele is present

Down

1. Having two different alleles for a particular gene
3. A chart that shows all the possible combinations of alleles that can result from a genetic cross
4. Sexual reproduction in which an eggcell and a sperm cell join to form a new cell

6. Having two identical alleles for a particular gene
7. The passing of traits from parents to offspring.
10. An offspring of crosses that has the same form of traits
11. The scientific study of heredity
13. Different forms of a gene
15. Characteristic that an organism can pass to its offspring through its genes