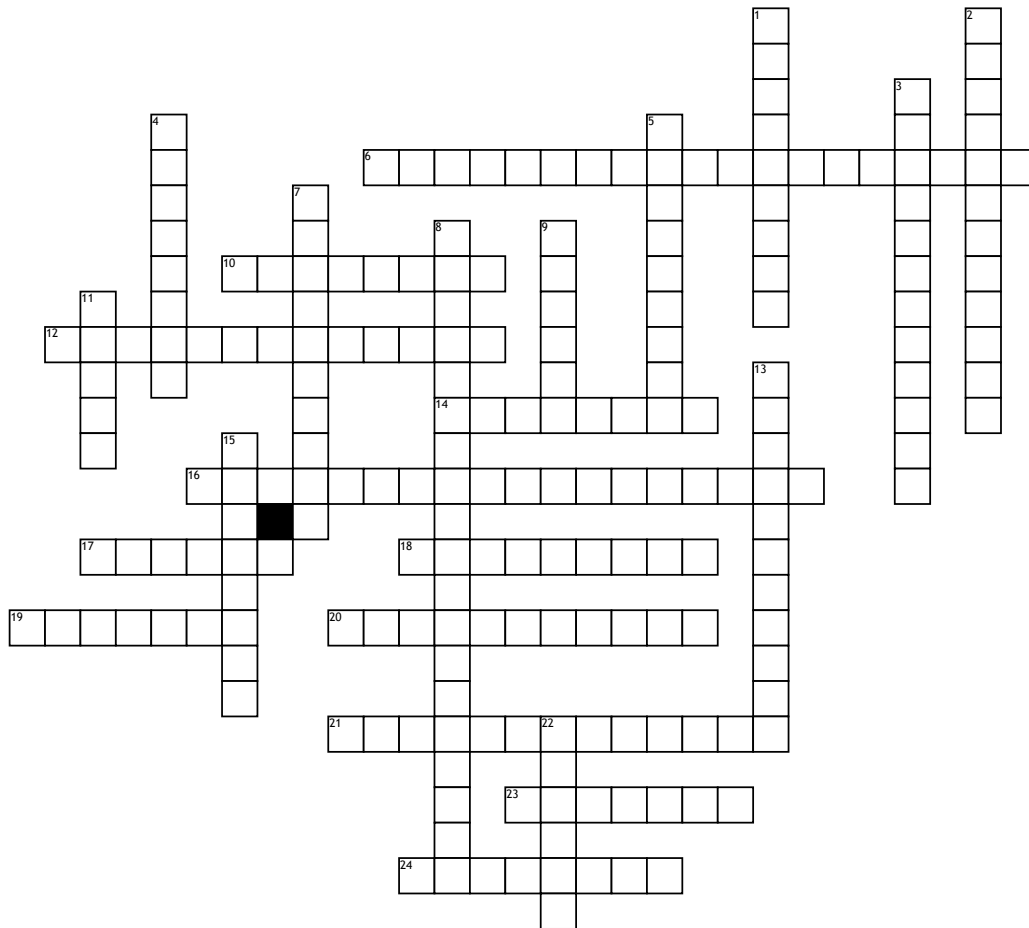


Name: _____

Genetics Terms



Across

6. Reproduction involving 1 parent in which the offspring is identical to the parent - produces no variation within the species
10. An allele whose trait always physically shows in the organism is said to be...
12. When the sperm meets the egg
14. An organism with 2 of the same alleles for a trait
16. Reproduction involving 2 parents and leads to variation in a species
17. An organism with 2 different alleles for a trait
18. A trait coded by a gene on either the X or Y chromosome (ex. colorblindness)

19. Another word used to describe a person that is hybrid/heterozygous for a certain trait
20. wound up DNA
21. A diagram used to predict the genotypes of a particular breeding experiment
23. sex cells - sperm and egg
24. the scientific study of heredity

Down

1. The physical trait that will show in the organism based on the genotype
2. The father of Genetics
3. A fancy word for hybrid
4. The passing of traits from parents to offspring

5. An allele whose trait is masked in the presence of a dominant allele
7. A fancy word for pure bred
8. When a red flower mates with a white flower, they produce pink flowers. Similar to codominance
9. One form of a gene
11. Sections of DNA that code for a specific trait
13. Results in offspring with a phenotype that is neither dominant nor recessive (ex. blood types). Similar to incomplete dominance
15. A chart that shows traits being passed down in a family over generations
22. Physical characteristics

Word Bank

traits	Codominance	genetics	fertilization	heredity
phenotype	allele	hybrid	punnettsquare	homozygous
carrier	GregorMendel	incompletdominance	gametes	recessive
AsexualReproduction	heterozygous	genes	chromosomes	sexlinked
purebred	Dominant	sexualreproduction	pedigree	