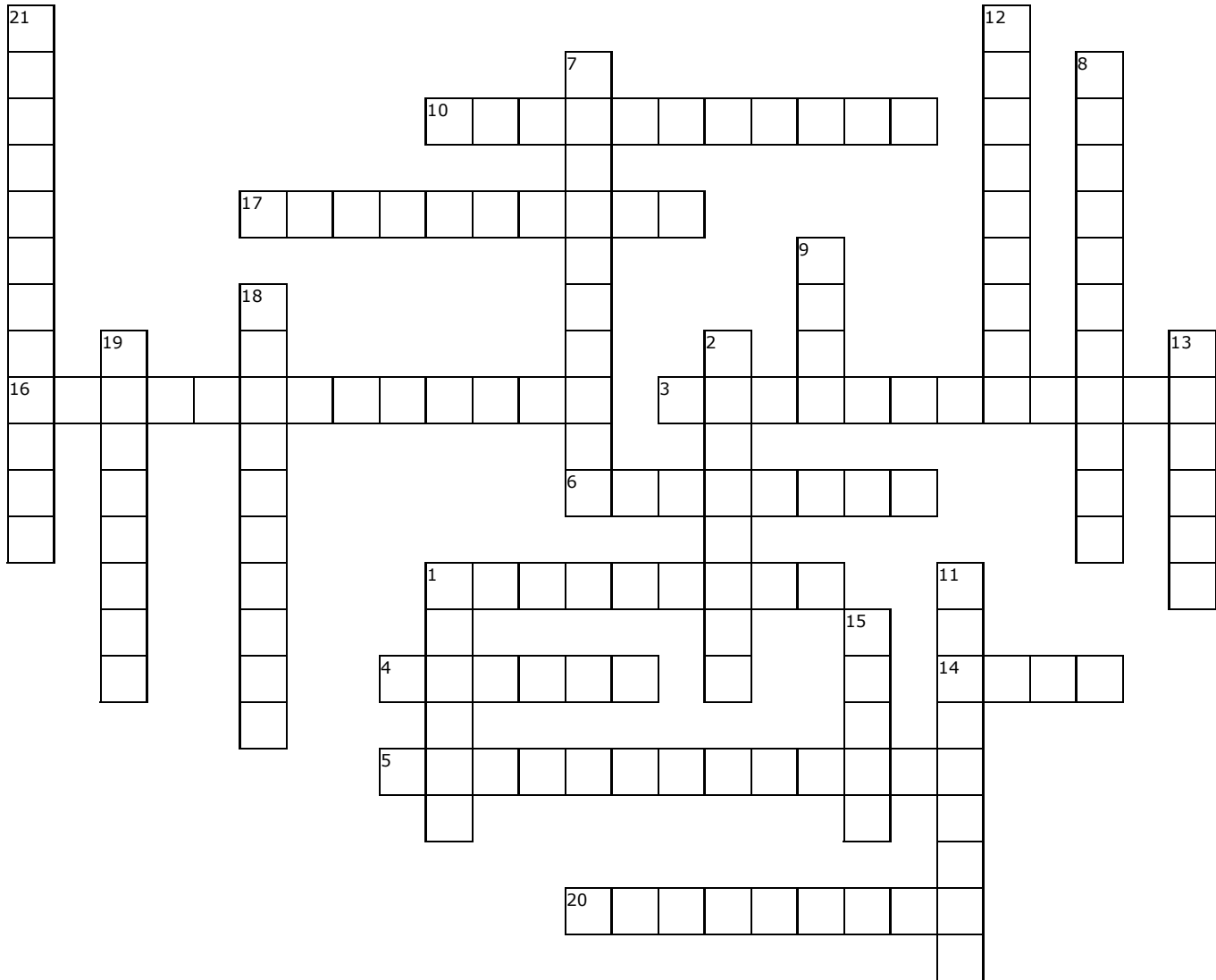


Name: _____

Provided By: TheTeachersCorner.net [Crossword Maker](http://www.theteacherscorner.net)

Genetics Crossword Puzzle

Please complete the crossword puzzle below. Show to teacher when finished



genetics

gregor mendel

trait

allele

fertilization

dominance

homozygous

heterozygous

pollen

[gene therapy](#)

genotype

autosome

male

phenotype

hybrid

independent

codominance

hemophilia

polygenic

gene

chromosome

recessive

Across:

1. physical characteristics
3. the process of changing a gene that causes a genetic disorder
4. The different forms of a gene
5. union male and female reproductive cells
6. any chromosome that is not a sex chromosome
10. The principle of _____ assortment states that genes for different traits can segregate

Down:

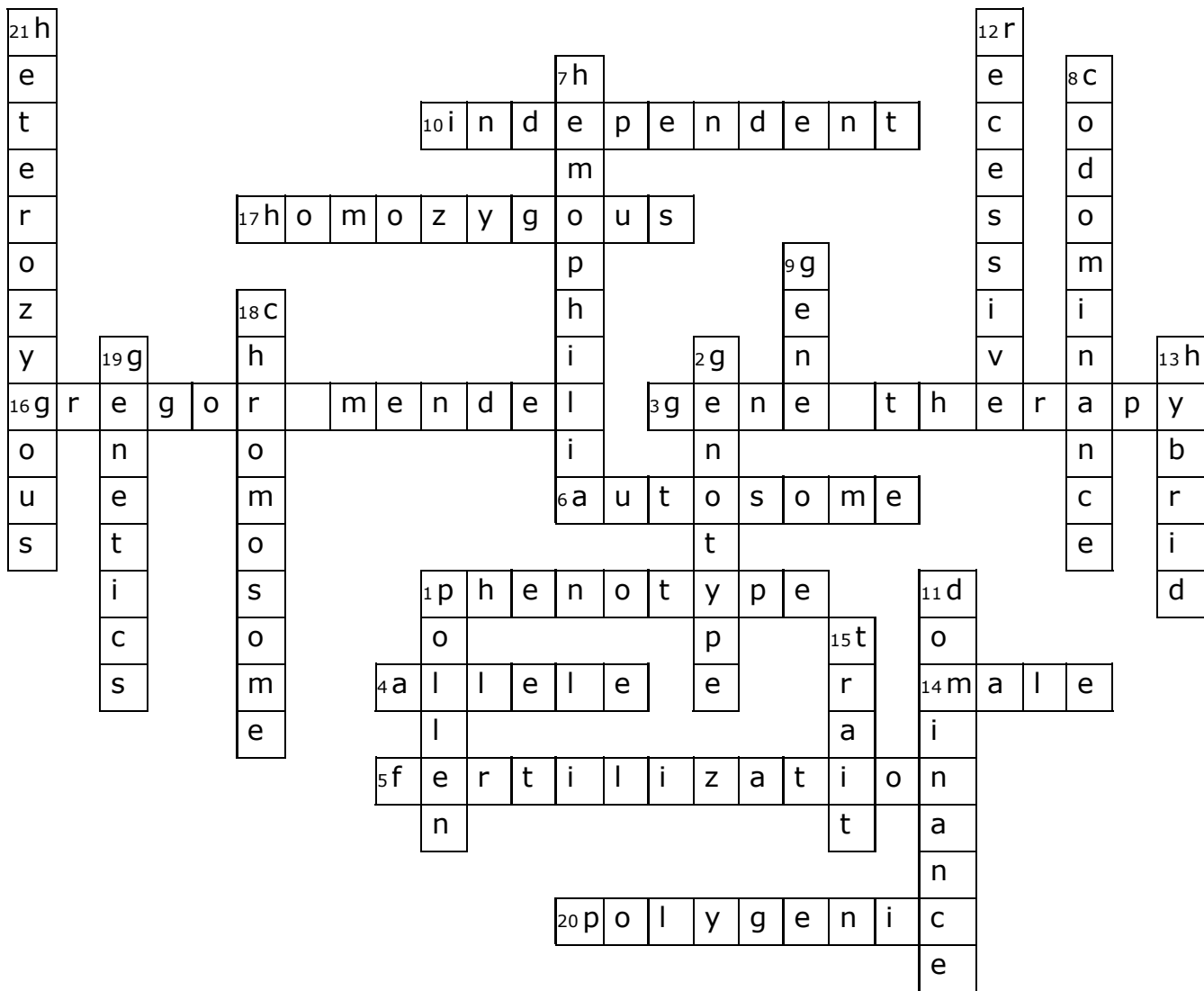
1. plant male reproductive cells
2. genetic makeup
7. Lacking in the ability to clot blood
8. both alleles contribute to the phenotype (spotty or checkered phenotype)
9. segment of DNA. Carries genetic information that codes for a trait
11. The principle of _____ states that some

- 14. which parent determines the sex of the offspring
- 16. discovered genetics
- 17. Organisms that have 2 identical alleles for a particular trait
- 20. traits controlled by 2 or more genes

- 12. gene that produces its characteristic phenotype only when its allele is identical
- 13. offspring of crosses with different parents
- 15. characteristic
- 18. compact packages of DNA. Inside nucleus.
- 19. the scientific study of heredity
- 21. Organisms that have 2 different alleles for a particular trait

Genetics Crossword Puzzle KEY

Please [complete](#) the crossword puzzle below. Show to teacher when finished



Across:

1. physical characteristics (phenotype)
3. the process of changing a gene that causes a genetic disorder (gene therapy)
4. The different forms of a gene (allele)
5. union male and female reproductive cells (fertilization)
6. any chromosome that is not a sex chromosome (autosome)
10. The principle of _____ assortment states that genes for different traits can segregate independently during the formation of gametes. (independent)
14. which parent determines the sex of the offspring (male)
16. discovered genetics (gregor mendel)
17. Organisms that have 2 identical alleles for a

Down:

1. plant male reproductive cells (pollen)
2. genetic makeup (genotype)
7. Lacking in the ability to clot blood (hemophilia)
8. both alleles contribute to the phenotype (spotty or checkered phenotype) (codominance)
9. segment of DNA. Carries genetic information that codes for a trait (gene)
11. The principle of _____ states that some alleles are dominant while others are recessive. (dominance)
12. gene that produces its characteristic phenotype only when its allele is identical (recessive)
13. offspring of crosses with different parents (hybrid)
15. characteristic (trait)
18. compact packages of DNA Inside nucleus

20. traits controlled by 2 or more genes (polygenic)

19. the scientific study of heredity (genetics)

21. Organisms that have 2 different alleles for a particular trait (heterozygous)