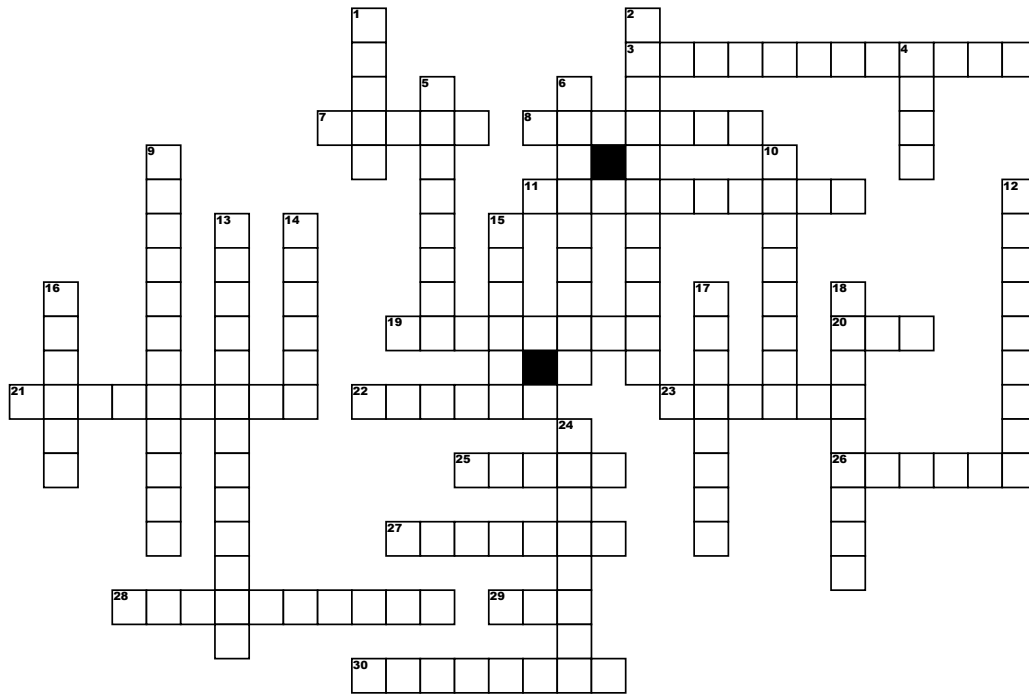


Name: _____ Date: _____ Period: _____

Genetics vocabulary



Across

3. Has different alleles
7. Distinguishing feature of your person
8. Cell division in sexually reproducing organisms
11. Has identical alleles
19. The study of heredity and variation in organisms
20. The female reproductive cell
21. A specialized part of a cell
22. Who is the founder of genetics
23. Male or female reproductive cell
25. Carries oxygen to and carbon dioxide from tissues of the body
26. Cell that is crescent shape and abnormal
27. Process where a cell divides into two smaller cells

28. A thread like strand of DNA that carries genes

29. Long linear polymer found in the nucleus of a cell

30. Passage of traits from one generation to another

Down

1. Male reproductive cell
2. Plastid containing chlorophyll and other pigments
4. Part of DNA that controls physical characteristics
5. Helps synthesize proteins in a cell
6. Relating to a genotype
9. Contains enzymes that produce energy
10. The simplest structural unit of an element or compound

12. What an organism looks like

13. Making productive by adding nutrients

14. A cell formed by the union of gametes

15. Any form of a gene that can occupy the same locus

16. The offspring of a cross between unlike parents

17. A change or alteration in form or quality

18. Gene that is least common

24. Gene that is most common

Word Bank

Phenotype

Dominant

Sickle

Chromosome

Hybrid

Egg

Blood

Mendel

Trait

Organelle

Molecule

Ribosome

Mutation

Mitosis

Zygote

Meiosis

Chloroplast

Mitochondria

Allele

Gamete

Homozygous

Heterozygous

Genotypic

Heredity

Gene

Fertilization

DNA

Sperm

Genetics

Recessive