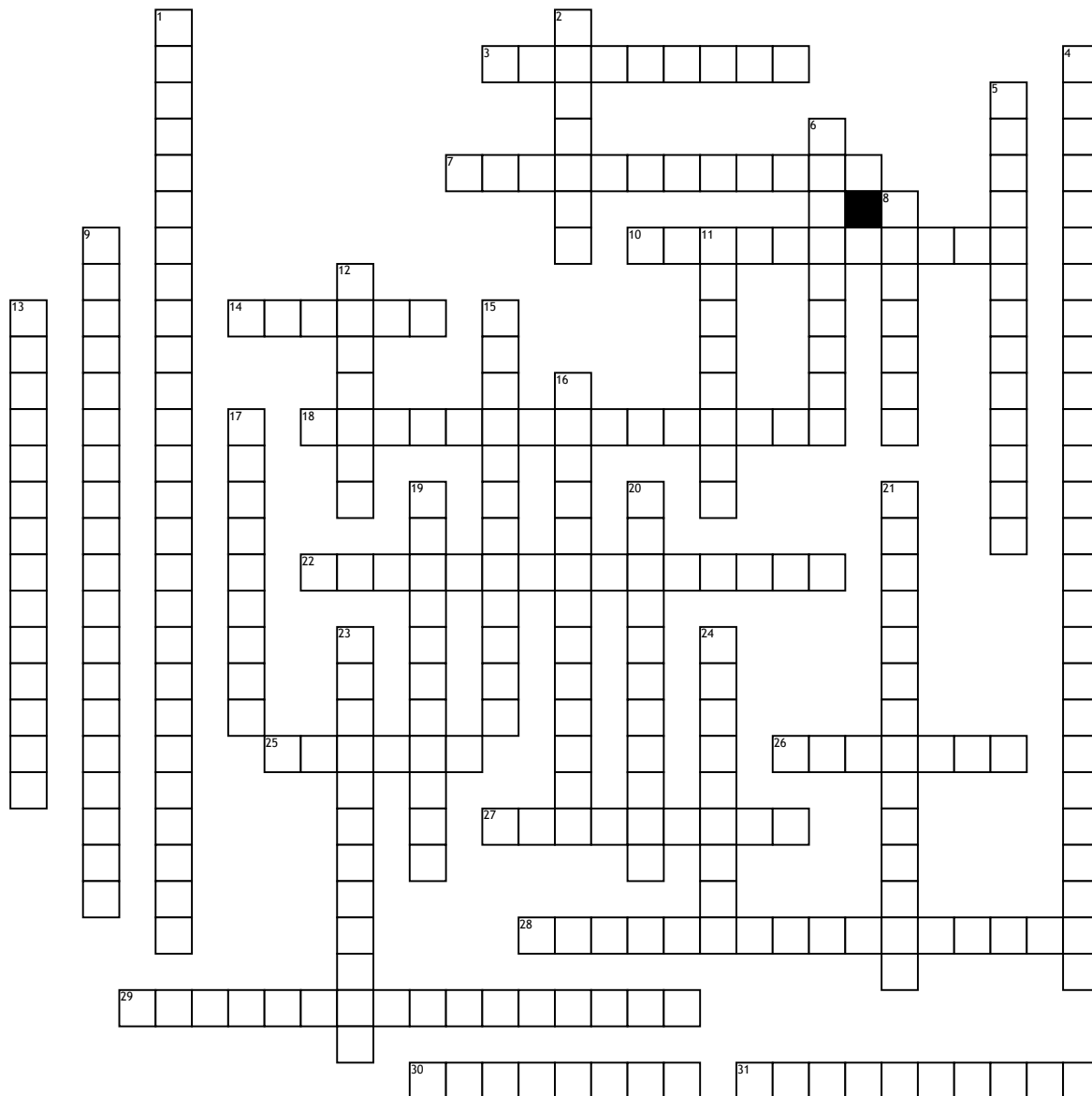


Name: _____ Date: _____ Period: _____

Genetics



Across

3. The set of observable characteristics of an individual
 7. Process where homologous chromosomes pair up
 10. A form of dominance where alleles of a gene pair
 14. A feature of an organism
 18. A trait that is controlled by a group of nonallelic genes
 22. A genetic cross between parents that differ in alleles
 25. One of the possible forms of a gene
 26. Having a single set of unpaired chromosomes
 27. Determining the genotype of the latter by guessing
 28. Acquiring one hereditary factor from each parent

29. Acquiring one hereditary factor from each parent

30. Genetic constitution of an individual organism

31. When an individual has two of the same allele

Down

1. Two or more characteristics that are inherited, giving different traits
 2. Cell division that results with four daughter cells
 4. Two or more characteristics that are inherited, giving different traits opportunities
 5. A diagram used to predict an outcome of a cross-breeding organism
 6. An ancestor line or chart
 8. An organism that has inherited a recessive allele or mutation

9. A form of intermediate inheritance which an allele trait is not expressed

11. A gene masking the effect of the recessive gene

12. Containing two complete sets of chromosomes

13. A gene located in the sex

15. One allele is dominant and one is recessive

16. Two organisms that are identical for two traits

17. A gene masked by a dominant gene

19. The likelihood of an event to occur
 20. A form of dominance where alleles of a gene pair are fully expressed

21. The tendency of DNA sequences that are close together on a chromosome

23. A gene located in the sex chromosome
 24. Any chromosome that is not a sex chromosome