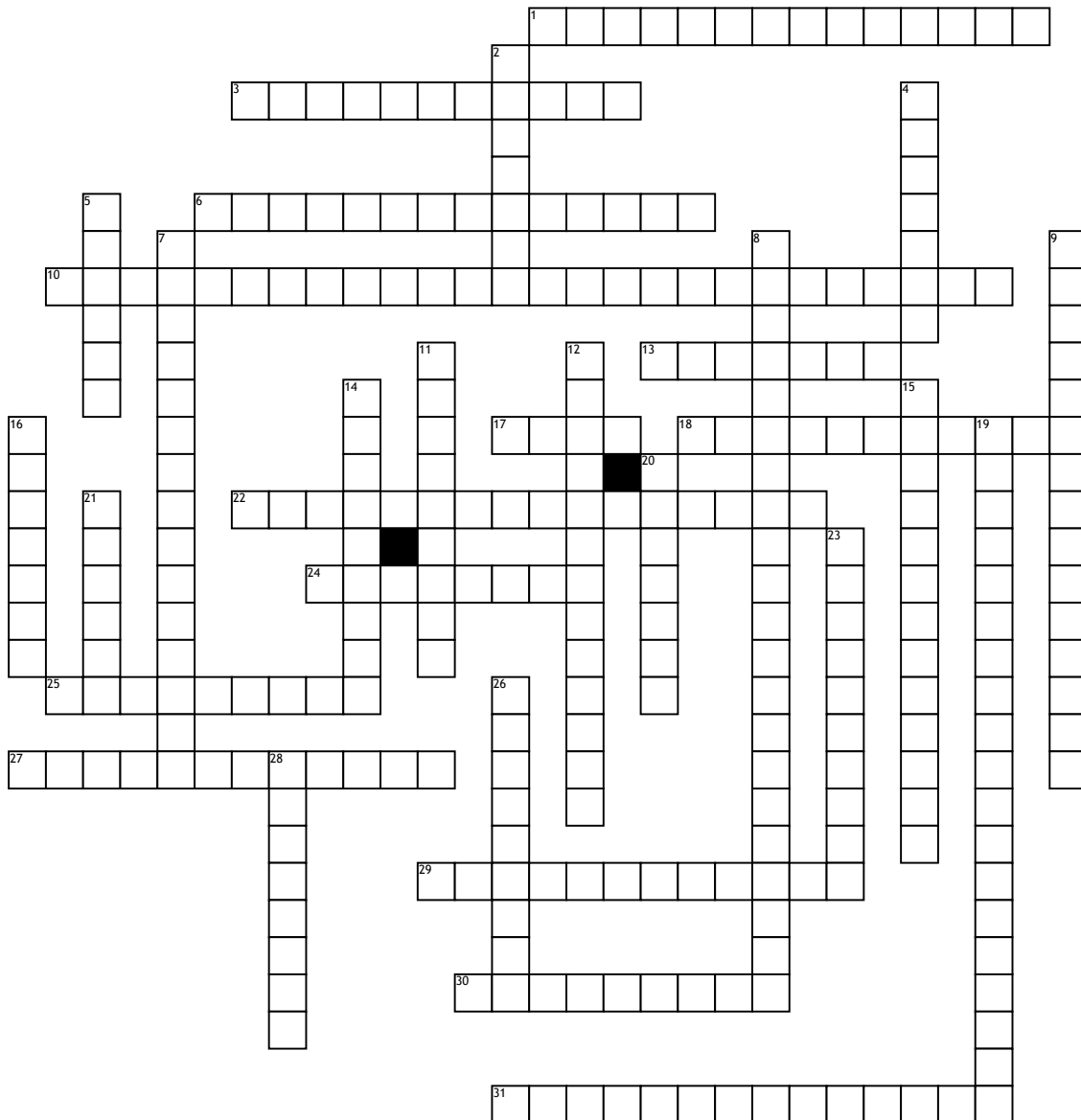


Vocab



Across

1. gene located in the sex chromosome
3. situation in which both alleles are equally strong
6. chromosomes involved in determining the sex of an organism
10. two or more characteristics are inherited, individual hereditary factors assort independently during gamete production
13. type of cell division that reduces the chromosome number by half
17. hereditary unit consisting of a sequence of DNA
18. the chances or likelihood of an event to occur
22. principle that during the production of gametes the two copies of each hereditary factor segregate
24. dominant trait or gene
25. diagram showing genetic relationships between members of family

27. interchange of sections between pairing homologous chromosomes
 29. two different alleles of a particular gene
 30. cross between a homozygous and a heterozygote
 31. tendency of alleles that are close together on a chromosome to be inherited together
- ## Down
2. cell with half of the number of homologous chromosomes
 4. a mature haploid germ cell which is able to unite with another of the opposite sex
 5. genetically determined characteristic
 7. controlled by two or more genes at different loci on different chromosomes
 8. pair of chromosomes having the same gene sequences
 9. cross made to examine the distribution of one specific set of alleles
 11. trait that's expressed when an organism has two recessive alleles
 12. diagram that's used to predict an outcome of a certain cross
 14. any of the chromosome not considered as a sex chromosome
 15. cross between individuals with different alleles
 16. two complete sets of chromosomes, one from each parent
 19. phenotype of the heterozygous genotype is distinct from the phenotypes of the homozygous genotypes
 20. organism that has inherited a recessive allele
 21. one of a number of alternative forms of the same gene
 23. two identical alleles of a particular gene
 26. characteristics of an individual resulting from the interaction of its genotype
 28. genetic constitution of an individual organism