1. The abbreviation for deoxyribonucleic acid is ______________.
2. A member of a gene pair that determines a specific trait is a(n) ______________.
3. ______________ is known as the Father of Genetics.
4. A ______________ has genes that are different for a trait, such as Tt.
5. The actual gene makeup of an organism is its ______________.
6. ______________ are physical characteristics of an organism that are passed down from one generation to the next.
7. ______________ is a condition in which neither of the two genes in a gene pair masks the other.
8. ______________ are rod-shaped structures found in the nucleus of every cell in an organism.
9. A ______________ trait is expressed when two different genes for the same trait are present.
10. The physical appearance of a trait is called the ______________.
11. Mendel experimented with ______________ to learn about genetics.
12. A ______________ gene pair consists of two dominant alleles or two recessive alleles.
13. According to the ______________ of ______________ one gene from each gene pair goes to each sex cell.
14. The traits of an organism are controlled by its ______________.
15. A ______________ is a chart used to show the possible gene combinations in across between two organisms.
16. A ______________ gene pair that consists of a dominant allele and a recessive allele.
17. The ______________ generation is the offspring of the P, or parental, generation.
18. A ______________ is a scientist who studies heredity.
19. A ______________ trait seems to disappear when two different genes for the same trait are present.
20. Organisms inherit genes in pairs, one from each ______________.
21. ______________ is the study of heredity.
22. The ______________ of independent ______________ states that each gene pair is inherited independently of the gene pairs for other traits.

Use the letters from the terms to complete the joke!

? 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58