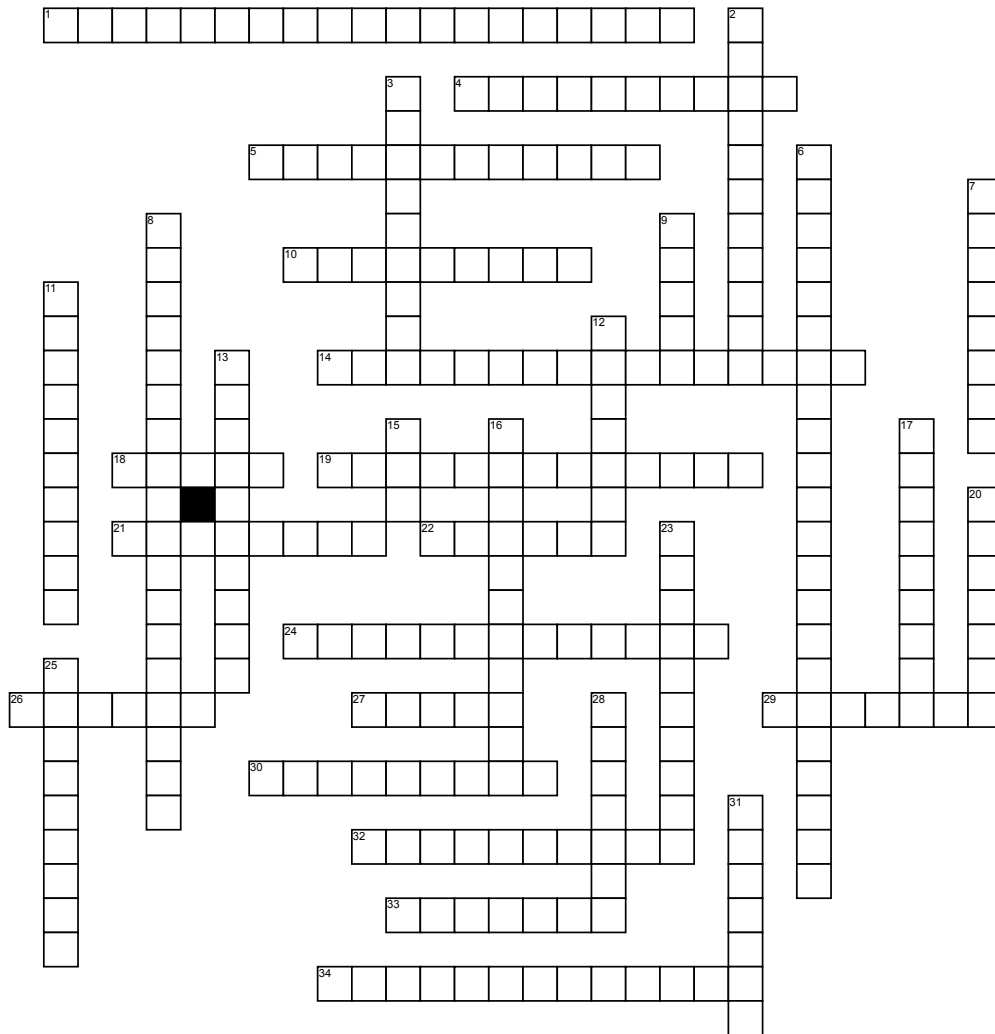


Science 9 Biology Vocab



Across

1. One organism "duplicates" itself to create offspring
4. Something that pinches chromosomes together
5. Resting stage between Mitosis and Meiosis
10. Functioning parts of a cell
14. Large variation in genes and DNA in a species
18. Your parents gave these to you
19. The process of a cell dividing
21. The first stage of meiosis
22. Little particles commonly produced by fungi
24. An organism loses a piece of itself, then the piece grows into a new organism
26. The product of Meiosis II
27. Tiny organisms in a human body
29. Something that controls the cell's functions

30. A stage where the chromosomes line up in the middle
32. You have "_____" pairs of chromosomes
33. Two full sets of chromosomes from each parent
34. The "commencement" of the birth of a new organism

Down

2. The 23 pairs of "____" that determine your karyotype
3. The material chromosomes and organelles are made of
6. The way plants reproduce
7. An anomaly in the genetic "makeup" of an organism
8. Two parent organisms reproduce
9. The duplicate of something
11. Something that contains the centrioles

12. The process of daughter cells being created
13. A cell spends 90% of the time in this stage
15. The genetic structure that makes you
16. The stage at which the cell is duplicated
17. The cell pinches in the middle
20. The production cycle of gametes
23. "Sister"
25. A model that shows your chromosome pairs
28. 23 is the "_____" number of chromosome pairs in a human body
31. A small version of the parent grows then falls off to be a new organism

Word Bank

| | | | | |
|------------|---------------|-------------------|---------------------|-------------------------|
| Spores | Diploid | Genetic Diversity | Organelle | Vegetative Reproduction |
| Telophase | Cells | Fragmentation | Interkinesis | Mutation |
| Genes | Cytokinesis | Gamete | Haploid | Karyotype |
| Clone | Prophase | Interphase | Meiosis | Asexual Reproduction |
| Chromatids | Centromere | Centrosome | Chromosomes | Mitosis |
| Nucleus | Fertilization | Binary Fission | Homologous | Chromatin |
| Metaphase | DNA | Budding | Sexual Reproduction | |