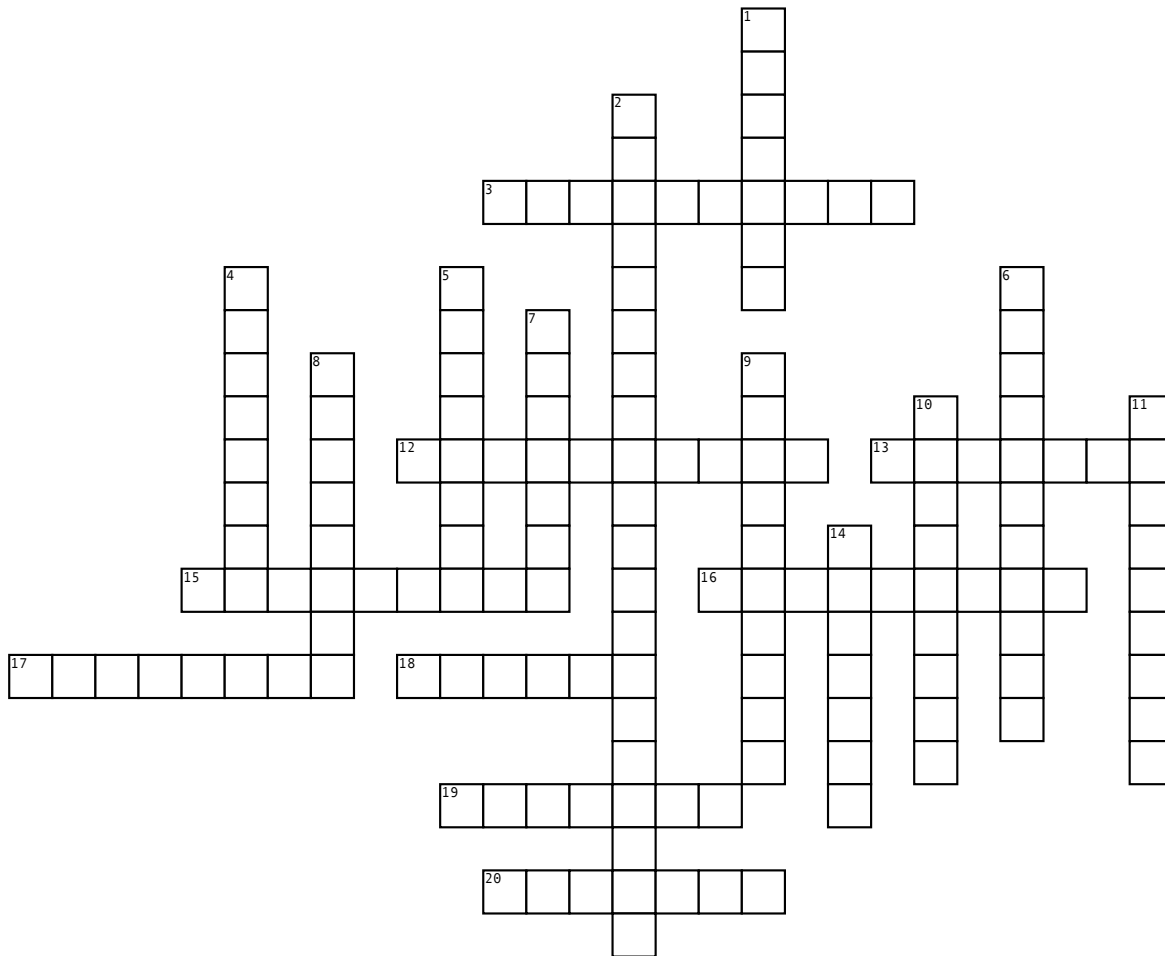


Genetics



Across

3. The two identical parts on a chromosome

12. The middle part of the chromosome that holds together the sister chromatids

13. Adenine is always paired with this nucleic acid base

15. At this phase in Mitosis the chromosomes line up at the center of the cell

16. The term for the production or development of an ovum

17. Guanine is always paired with this nucleic acid base

18. A "fertilized" ovum

19. Homologous chromosomes form _____

20. Guanine and adenine are both _____

Down

1. Any cell in the body except those involved with reproduction

2. The long name for DNA

4. At this phase in Mitosis the sister chromosomes split

5. Condition that causes pre-mature aging

6. Thymine and cytosine are both _____

7. DNA is coiled around this protein

8. During this stage of mitosis the nuclear membrane breaks down

9. Thread-like, gene-carrying structure in the nucleus of a cell

10. Condition that causes an individual to have two sets of DNA

11. Cytokinesis occurs during this phase

14. Cell division which occurs in specialized tissues of ovaries and testes