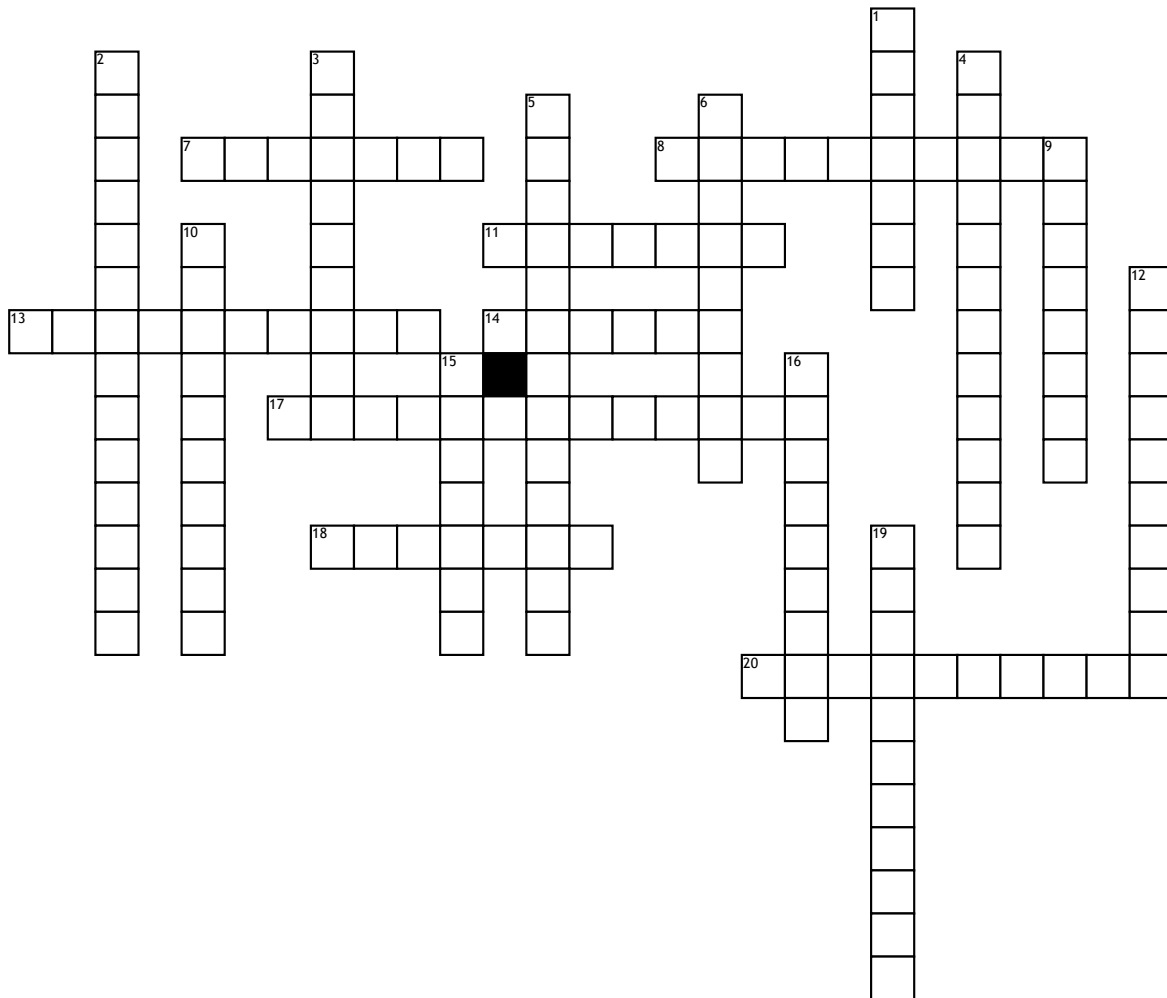


Genetics



Across

7. word that describes the chromosome content of gametes
 8. matching members of a pair of chromosomes in a diploid cell
 11. a sex cell that is produced by meiosis
 13. longest part of the cell cycle; DNA is replicated
 14. a eukaryotic cell formed by a fertilization happening between two gametes
 17. fusion of gametes to begin the process of a new individual organism
 18. division that creates diverse gametes and reduces the chromosome number by half

20. cytokinesis starts, has 2 cells and each cell has 2 nuclei

Down

1. division that manages a diploid number in a somatic cell
 2. process of male gamete formation
 3. two identical nuclei are forming and the spindle fibres disappear
 4. process during prophase 1 that increases the variation in gametes
 5. asexual reproduction and can occur in some single celled eukaryotes
 6. the creation of an ovum

9. a process that occurs during meiosis that pairs two homologous chromosomes

10. structure made of DNA tightly coiled together and protein in a cell that is dividing
 12. chromosomes line up across the equators of both cells
 15. word that describes the chromosome content of somatic cells
 16. homologous chromosomes separate and move to opposite poles of the cell
 19. distribution and division of the cytoplasm between daughter cells