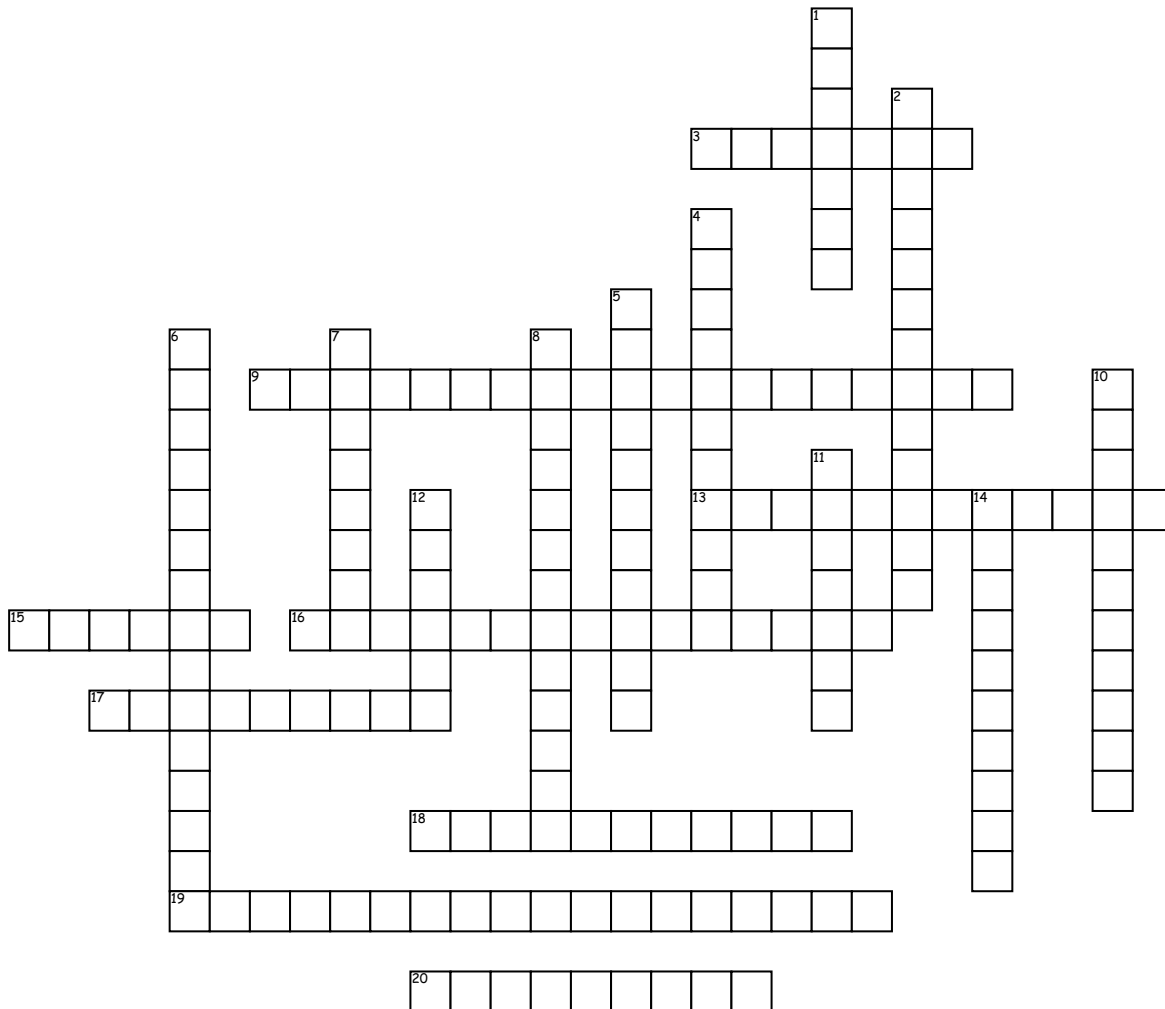


# Unit 2: Crossword



## Across

3. the division of a single nucleus into two genetically identical daughter nuclei

9. the creation of offspring by a single parent

13. reproduction of a cell

15. the fertilized egg, which is diploid

16. allele that has no noticeable effects on the phenotype of a gene

17. a double membrane across the midline of a dividing plant cell

18. synthesis of a polypeptide using the genetic information encoded in a mRNA molecule

19. the creation of offspring by the fusion of two haploid gametes

20. an ordered sequence of a cells life

## Down

1. the division of a single diploid nucleus into four haploid daughter nuclei

2. a means of asexual reproduction in which a parent organism splits in two

4. a N cell

5. a 2n cell

6. the allele that determines the phenotype of a gene

7. the genetic makeup of an organism

8. the synthesis of RNA on a DNA template

10. a thread-like, gene-carrying structure found in the nucleus of a eukaryotic cells

11. an alternative version of a gene

12. a sex cell

14. period of a eukaryotic cell cycle when the cell is not actually dividing