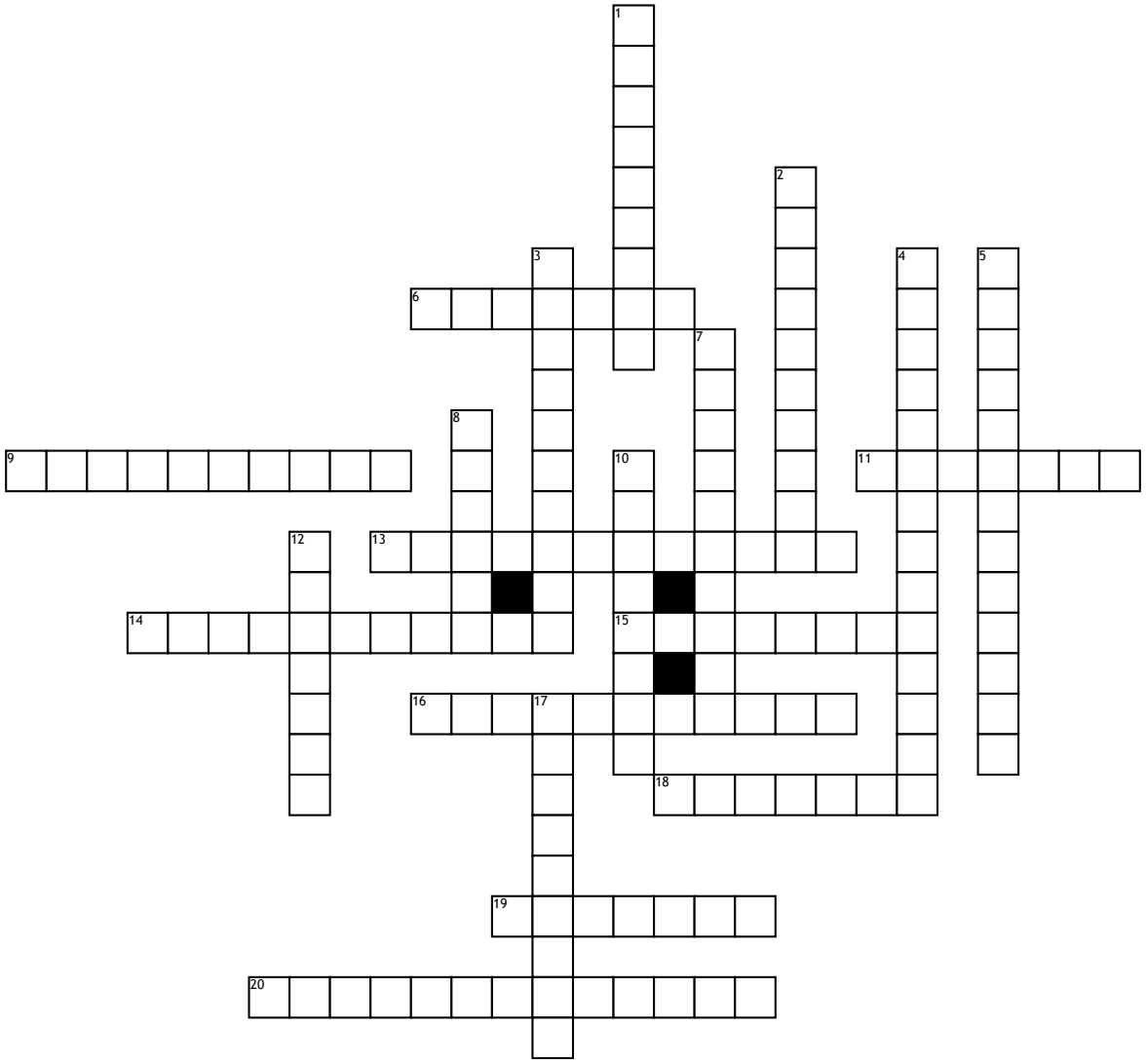
Mitosis and Meiosis



Across

6. The reactants of meiosis

9. Exactly the same chromosome pair

11. A cell with only half the amount of chromosomes

13. Rearrangement of genetic information

14. The equatorial plate is horizontal in this step

15. The nuclear membrane disintegrates and spindle fibres begin to migrate to the poles of the cell

16. The creation of new cells after chromosome replication

18. How cells are able to replicate their genetics

19. beginning stages of making a human

20. How prokaryotic cells replicate

Down

1. The spindle fibres must pull the tetrad apart to create two haploid cells in which step

2. Preparation of chromosomes before mitosis

3. Cytokinesis occurs afterward and each cell is a haploid

4. Process of making male sex cells

5. When male and female gamete join

7. Made up of DNA and proteins

8. Diploid product cell in meiosis

10. During meiosis, the chromosomes must create a tetrad, this process is called

12. All of our normal cells are

17. Process of making female sex cells