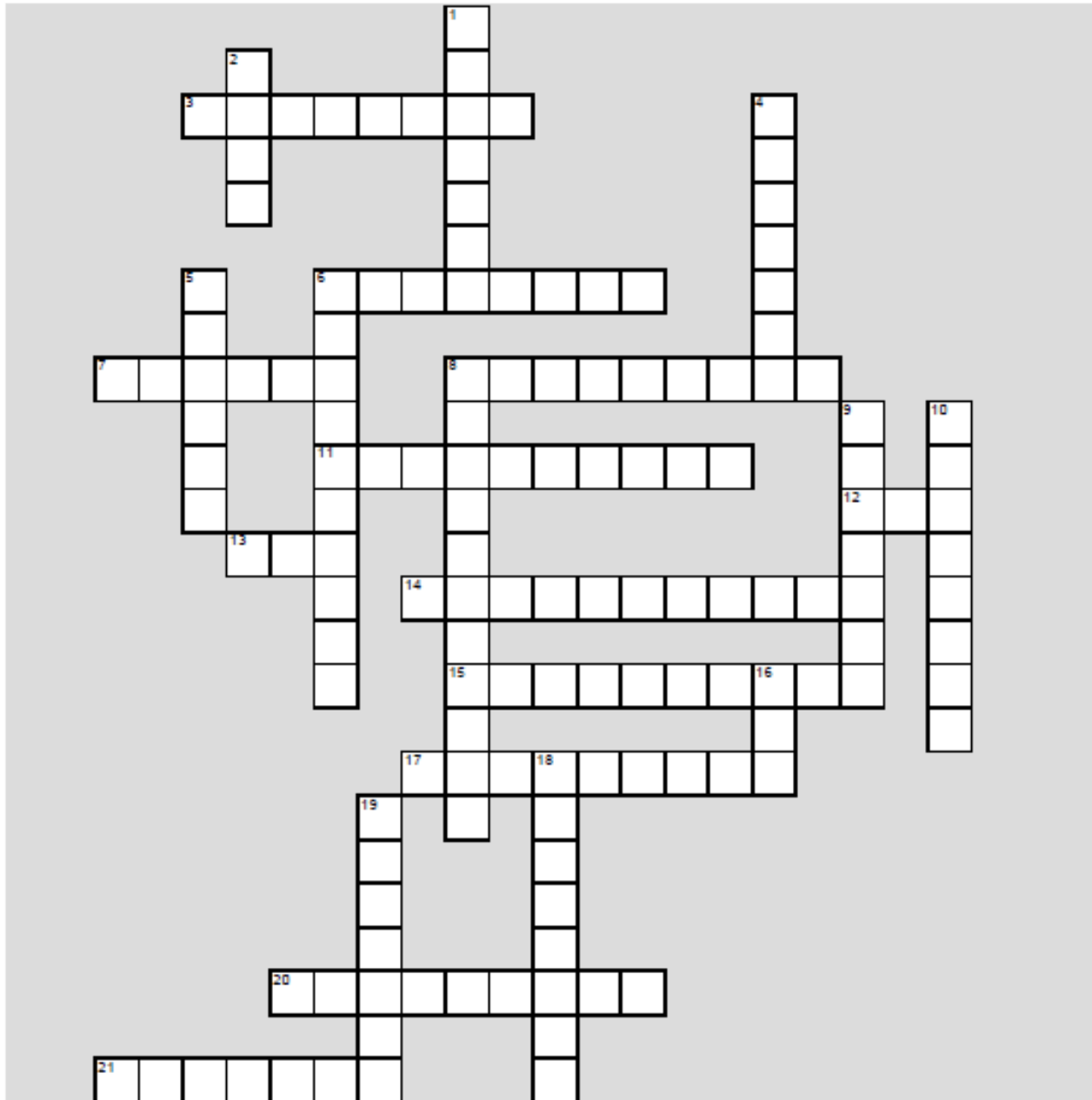


Mitosis and Meiosis



Across

- 3 Number of chromosomes in every cell in the human body
- 6 _____ over is when chromosomes move close together and exchange genetic information
- 7 Disease in which uncontrolled cell division creates a tumor
- 8 Mitosis phase where two new nuclei are formed
- 11 Cell cycle phase where chromosomes (DNA) are duplicated
- 12 Mitosis results in ____ new daughter cells
- 13 Meiosis has ____ divisions
- 14 Phase of the cell cycle where the cytoplasm separates and two new cells are formed
- 15 Two chromosomes that contain the same genetic information with different variations are a _____ pair
- 17 Mitosis phase where duplicated chromosomes line up in the middle
- 20 Cancerous tumors
- 21 Daughter cells that have the same number of chromosomes as the mother cell

Down

- 1 Cell division for reproduction
- 2 Meiosis results in ____ new daughter cells
- 4 Sperm and egg cells
- 5 Non-cancerous tumors
- 6 Chemical or toxin in the environment that can damage DNA in cells and cause cancer
- 8 Number of chromosomes in a sperm cell
- 9 Cell division for cell growth and repair
- 10 Mitosis phase where the nuclear membrane begins to disappear
- 16 Mitosis has ____ division
- 18 Mitosis phase where chromosome strands separate and move to opposite end of the cell
- 19 Daughter cells that have half the number of chromosomes as the mother cell