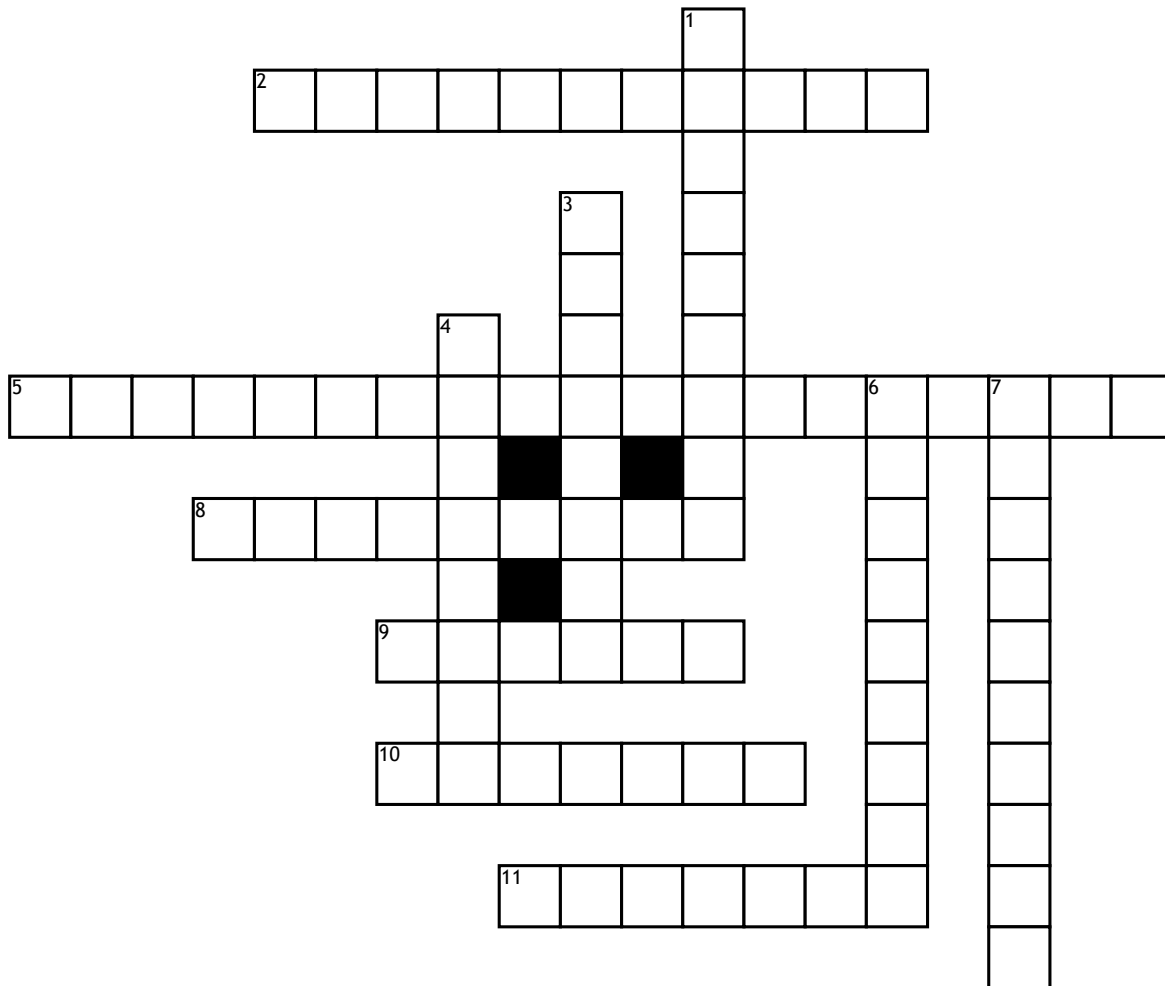


Mitosis and Meiosis



Across

2. division of the cytoplasm of one cell into two new cells
5. the production of offspring that does not require the union of gametes
8. second phase of mitosis, where all the chromosomes move to the cell's equator
9. a reproductive cell
10. process of nuclear division that reduces the number of chromosomes in a cell by half
11. Cells having only one set of chromosomes. Human sperm and egg cells are haploid.

Down

1. a structure that appears during mitosis in animal cells, grows spindle fibers
3. phase where chromosomes separate
4. first stage of mitosis and meiosis characterized by condensation of chromosomes
6. one of two identical parts of a chromosome
7. period of cell growth and development that precedes eukaryotic cell nuclear division