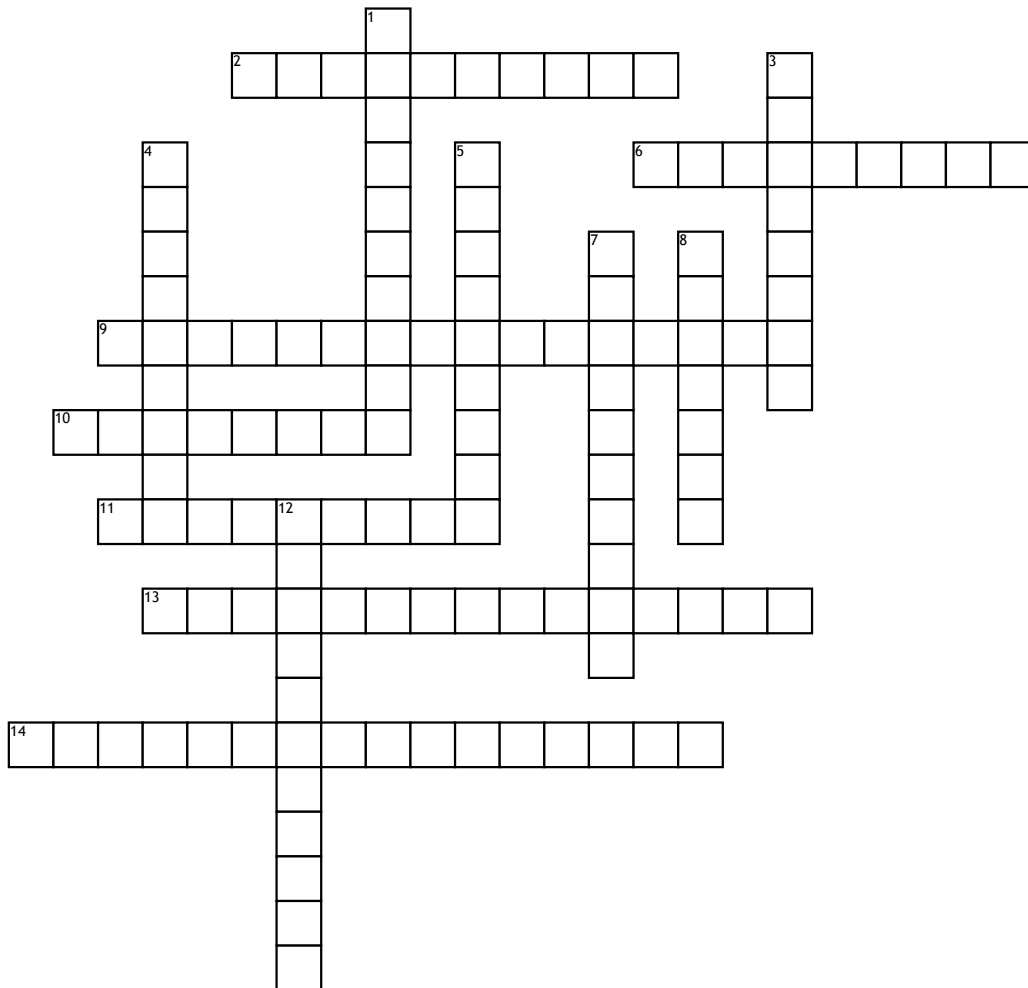


Cell Division/ Mitosis



Across

2. period of the cell cycle between cell divisions

6. The relaxed form of DNA in the cell's nucleus

9. cytoskeletal structure of eukaryotic cells that forms during cell division to separate sister chromatids between daughter cells.

10. phase of mitosis in which sister chromatids are pulled to opposite sides of the cell

11. series of events that cells go through as they grow and divide

13. one of a pair of identical chromosomes created before a cell divides

14. moves and organizes the chromosomes before cell division

Down

1. region where two sister chromatids are joined tightly together

3. a phase of mitosis in which chromosomes become visible and nuclear membrane disappears

4. the final stage of mitosis during which a nuclear membrane forms around each set of new chromosomes

5. a phase of mitosis, during which the chromosomes line up across the center of the cell

7. a structure in the nucleus that contains genetic material

8. the stage of the cell cycle when during which the cell's nucleus and nuclear material divide

12. the division of the cytoplasm during the processes of cell division

Word Bank

spindle apparatus

anaphase

chromatin

chromosome

centromere

cell cycle

mitosis

sister chromatid

cytokinesis

telophase

spindle apparatus

interphase

metaphase

prophase