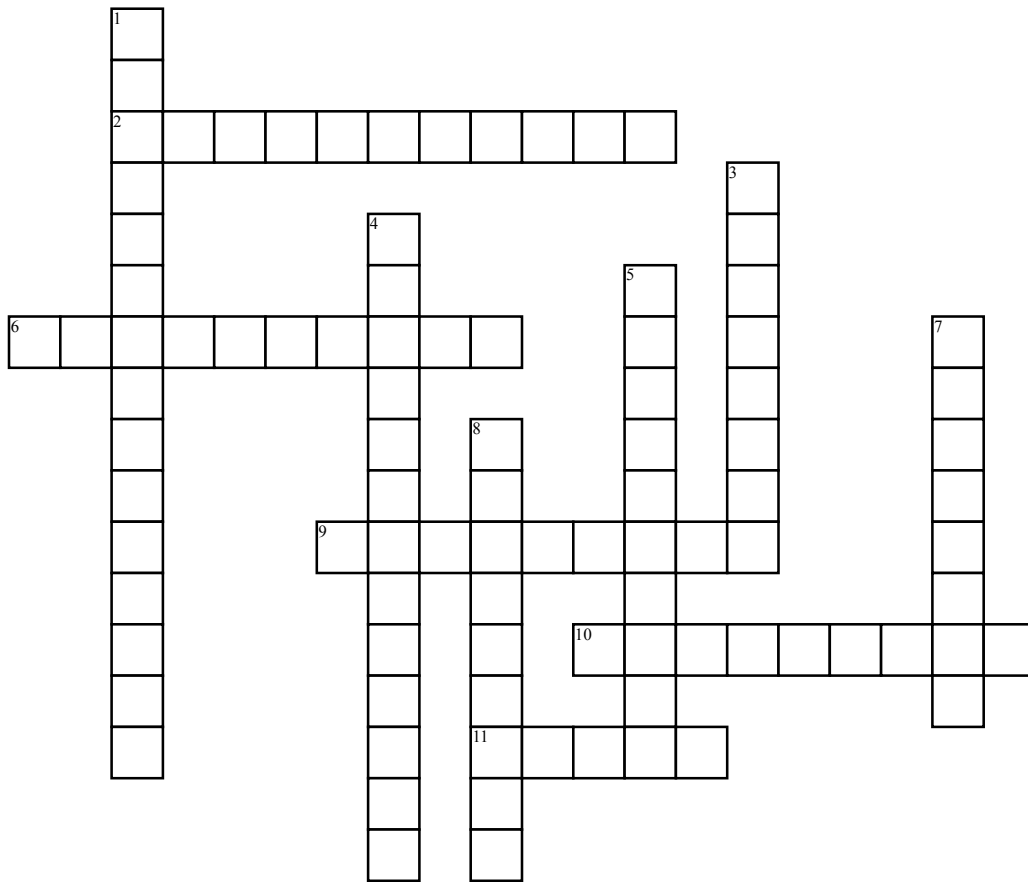


Name: _____ Date: _____ Period: _____

Mitosis



Across

2. the division of a cell at the end of mitosis that creates two daughter cells
6. one of two identical halves of a replicated chromosome
9. small cylindrical organelle found in animal cells that form spindle fibers that separate chromosomes during cell division
10. the final phase of cell division, in which the chromosomes move to opposite ends of the cell and two nuclei are formed
11. a star-shaped structure formed during the division of the nucleus of an animal cell

Down

1. membrane that encloses the nucleus and is made up of a double lipid bilayer

3. the first stage of cell division, during which the chromosomes become visible as paired chromatids and the nuclear envelope disappears
4. a protein structure that equally divides the chromosomes in a parental cell into two daughter cells
5. the region of a chromosome to which the microtubules of the spindle attach
7. the stage of mitotic cell division in which the chromosomes move away from one another to opposite poles of the spindle
8. the second stage of cell division, during which the chromosomes become attached to the spindle fibers

Word Bank

Centriole

Aster

Spindle Fibers

Telophase

Prophase

Anaphase

Metaphase

Nuclear Membrane

Cytokinesis

Chromatids

Centromere