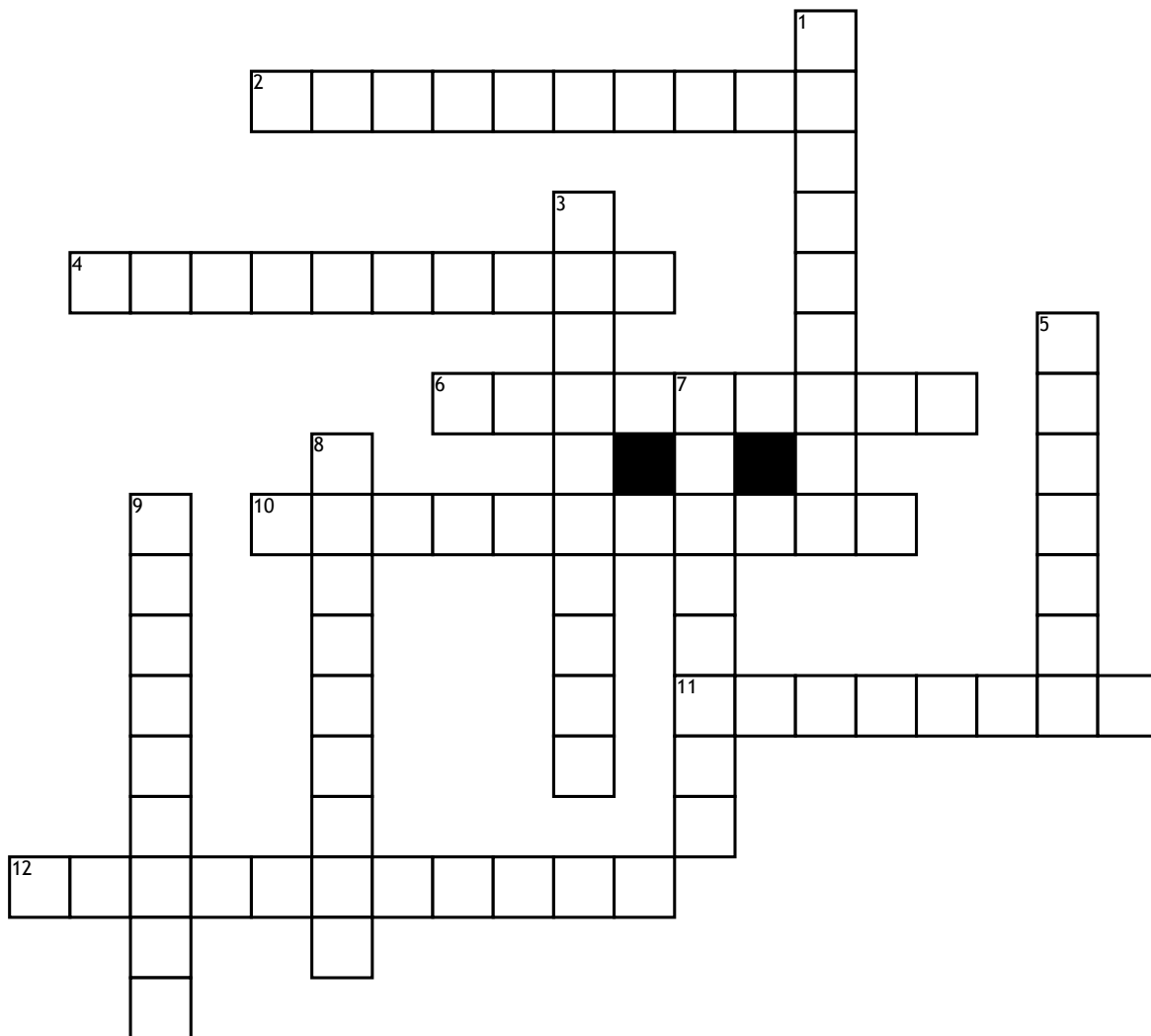


Name: _____ Date: _____ Period: _____

Cell Division



Across

2. Biologists described the life of a cell as one cell division after another separated by an "in-between" period of growth.
4. Spindle fibers extend from a region called the centrosome, where tiny paired structures are located.
6. Second phase of mitosis, is generally the shortest.
10. Genetic information is bundled into packages of DNA

11. Third phase of mitosis, begins when sister chromatids separate and begin to move apart.

12. The second stage, the division of the cytoplasm.

Down

1. The fourth and final phase of mitosis.
3. Duplicated strands of the DNA molecule can be seen to be attached along their length at an area.

5. First stage of the process, division of the cell nucleus.

7. First phase of mitosis, usually the longest and may take up half of the total time required to complete mitosis.

8. Each DNA strand in the duplicated chromosome is referred to as a sister chromatid.

9. The chromosomes in eukaryotic cells form a close association with histones, a type of protein.