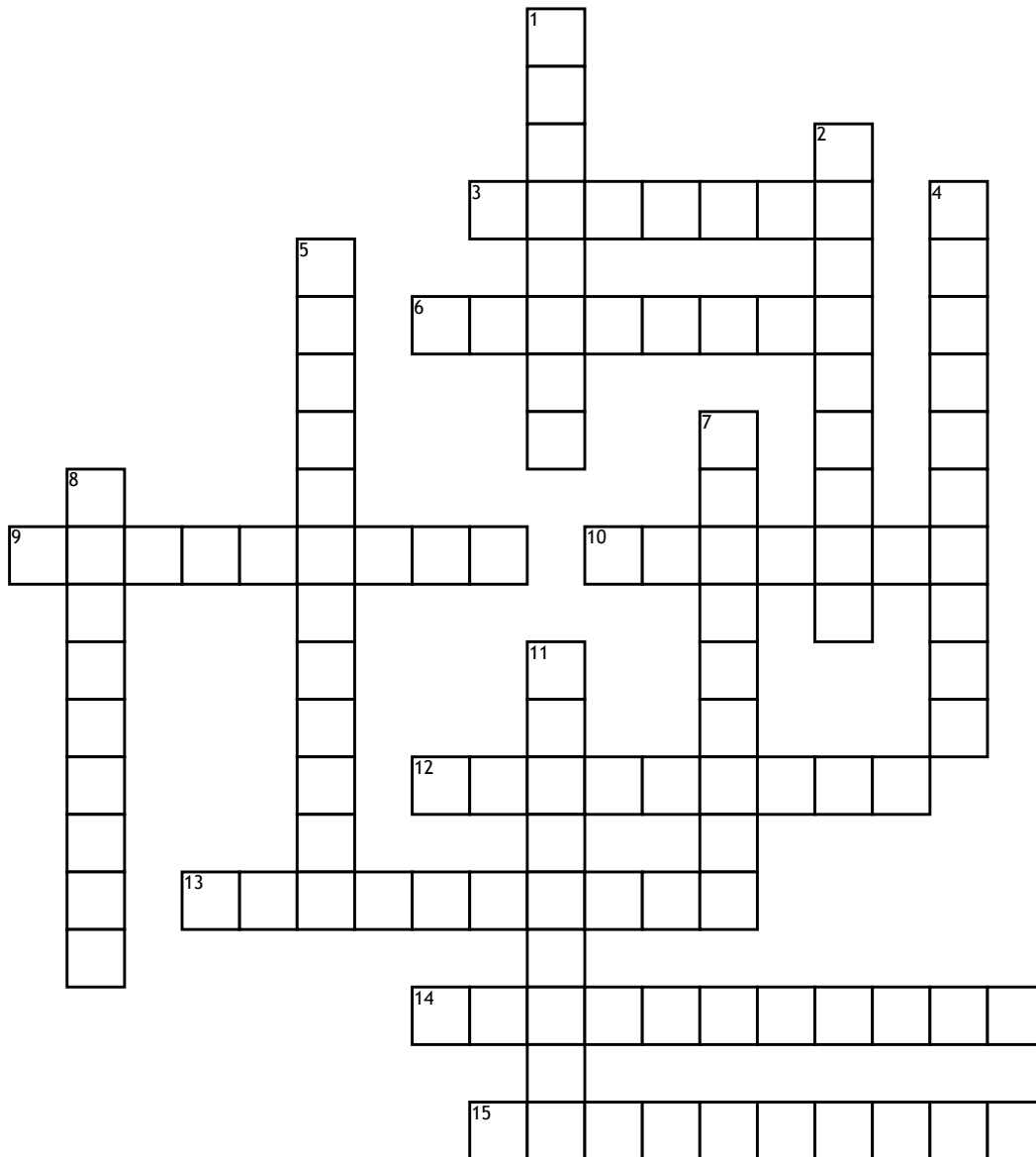


Name: _____ Date: _____ Period: _____

Cells



Across

3. Fanlike microtubule structure that helps separate the chromosome during mitosis.
6. The sister chromatids separate into individual chromosomes and are moved apart.
9. 1 of 2 tiny structures located in the cytoplasm of animal cells near the nuclear envelope.
10. Part of eukaryotic cell division during which the cell nucleus divides.

12. 1 of 2 identical "sister" parts of a duplicated chromosome.

13. Area where the chromatids of a chromosome are attached.

14. Division of the cytoplasm during cell division.

15. The cell grows and replicates its DNA and centrioles.

Down

1. The 1st and longest phase during mitosis.

2. Fourth and final phase of mitosis, during which the chromosomes begin to disperse into a tangle of dense material.

4. A thread line structure within the nucleus.

5. Process when a cell divides into 2 new daughter cells.

7. Second phase of mitosis, during which the chromosomes line up across the center of the cell.

8. Series of events that cells go through as they grow and divide.

11. Granular material visible within the nucleus, consists of DNA tightly coiled around proteins.