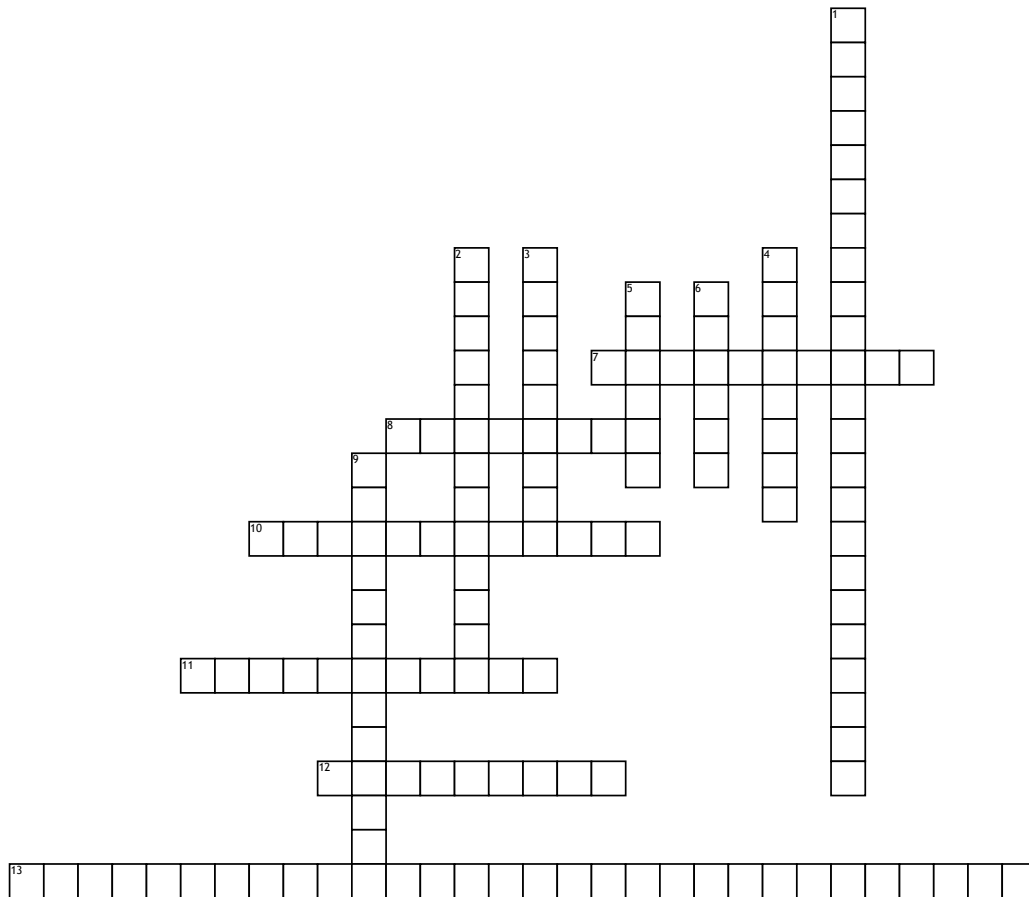


Name: _____

Date: _____

Mitosis



Across

7. The stage where the cell grows and copies DNA
 8. The nucleus membrane disappears and two centrioles appear.
 10. Types of cells mitosis occurs in?
 11. Division of the cytoplasm.

12. At each side of the cell, there are two full sets of chromosomes, a membrane forms around each set of chromosomes to create two new nuclei.

13. Why is it important to make exact replicas of our cells?

Down

1. If a spindle fiber does not attach to a chromosome the consequence will be?

2. 1 Diploid cell equals
 3. The chromosomes line up in the middle of the cell.
 4. The spindle fibers attach to the chromatids and pull the chromosomes apart.
 5. Incorrectly copied DNA can result in?
 6. Mitosis takes 1 cell and makes?
 9. 1 Haploid cell equals

Word Bank

Cancer
 2 Diploid cells
 Metaphase
 2 Haploid cells
 Chromosome Abnormalities

The DNA needs to be copied perfectly
 Telophase
 Anaphase
 Prophase

Cytokinesis
 Somatic cells
 Interphase
 2 cells