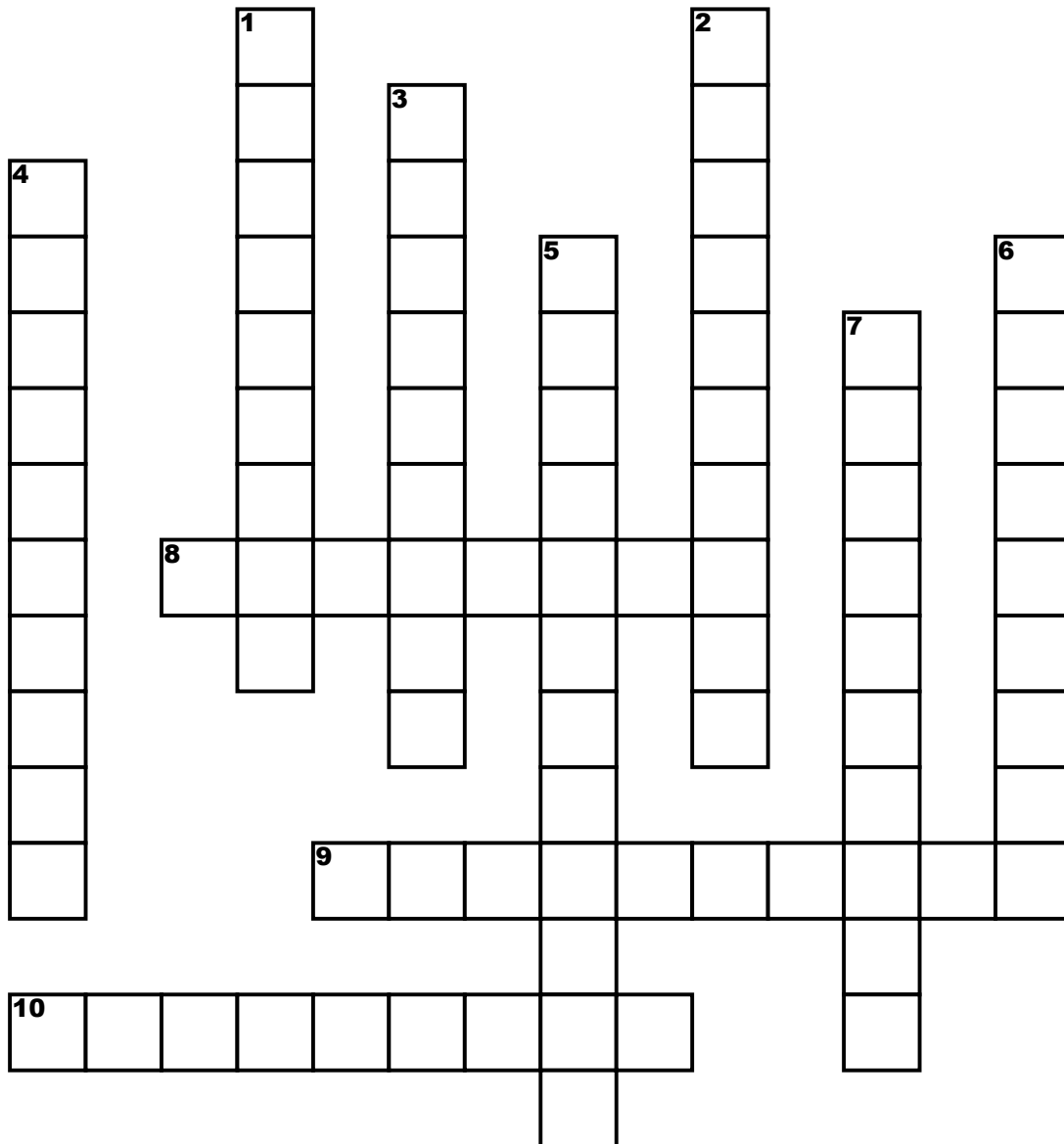


Name: _____

Date: _____

Meiosis crossword



Across

8. it is a type of cell division that results in four daughter cells each with half the number of chromosomes

9. At each pole, during this stage, there is a complete haploid set of chromosomes

10. the nuclear envelope breaks down and the spindle apparatus forms

Down

1. pairs of homologous chromosomes intertwine and the process called crossingover occurs

2. pairs of chromosomes become arranged on the metaphase plate and reattached to the now fully formed meiotic spindle

3. The centromeres separate and the sister chromatids—now individual chromosomes move toward the opposite poles of the cell

4. nuclear envelope forms around each set of chromosomes and cytokinesis occurs, producing four daughter cells, each with a haploid set of chromosomes

5. the exchange of genes between homologous chromosomes resulting in a mixture of parental characteristics in offspring

6. I begins when the two chromosomes of each tetrad separate and start moving toward opposite poles of the cell as a result of the action of the spindle

7. The chromosomes become arranged on the metaphase plate