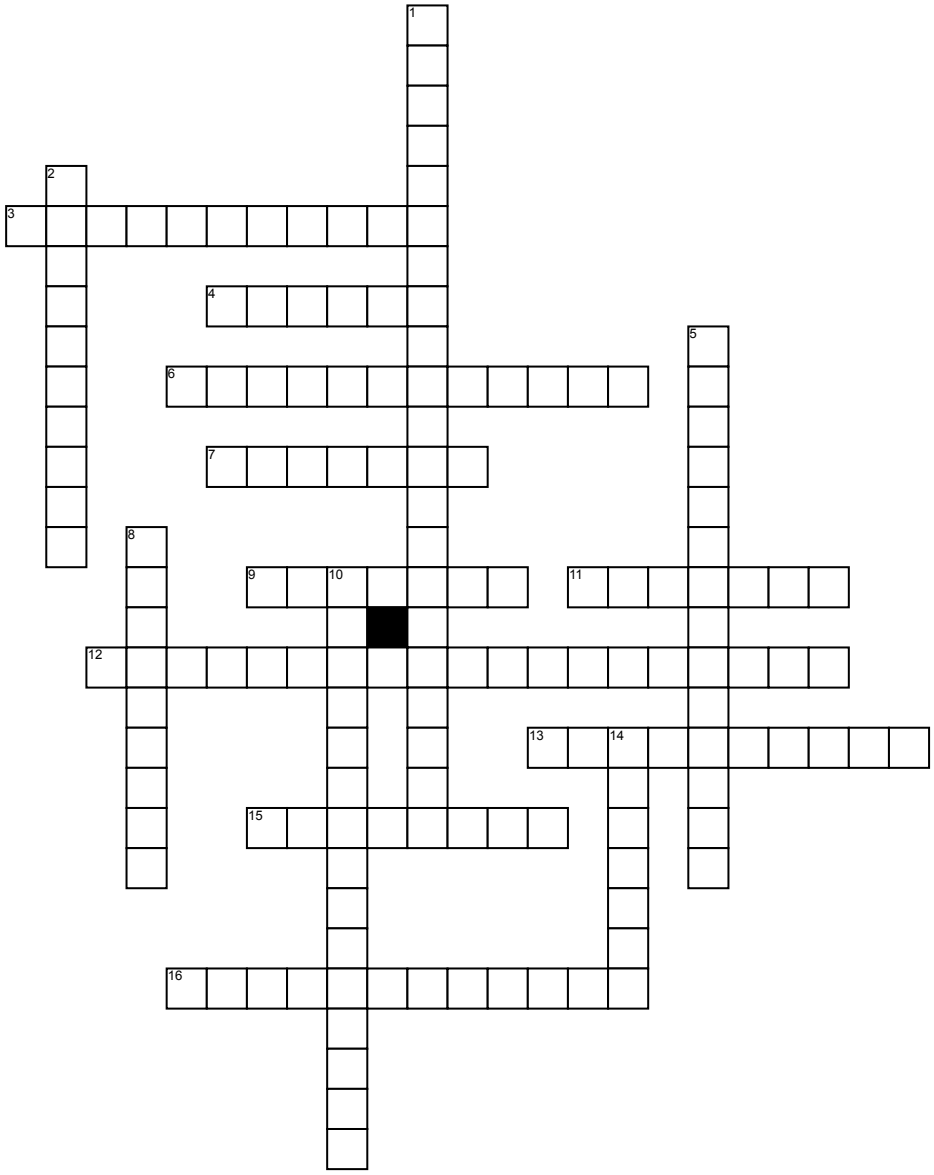
Name: _____ Date: _____

Chapter 15



Across

3. situation in which both alleles of a gene contribute to the phenotype of the organism

4. structure containing 4 chromatids that forms during meiosis

6. process in which homologous chromosomes exchange portions of their chromatids during meiosis

7. diagram showing the relative locations of each known gene on a particular chromosome

9. term used to refer to a cell that contains both sets of homologous chromososmes

11. term used to refer to a clel that contains only a single set of chromosomes and therefore only a single set of genes

12. situation in which one is not completleydominant over another

13. term used to refer to chromosome that each have a coresponding chrmosome from the opposite sex parent

15. genetic makeup of an organism

16. term used to referto an organism that has 2 different alleles for the same trait

Down

1. independant segregationduring the formation of gametes

2. term used to refer to an organism that has two identical alleles for a particular trait

5. three or more alleles of the same gene

8. physical charectersitscs of an organism

10. triat controlled by two or more genes

14. process by whcih the number of chromosomes cell is cut in half thru the seperation of homologous chrosomes in a diplod cell