Name:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Period:\_\_\_\_\_\_\_\_\_\_\_\_

**Pedigree Online Activity**

Go to the following link and click on eye color. Follow the directions to complete the pedigree.

<http://www.zerobio.com/drag_gr11/pedigree/pedigree_overview.htm>

1. Make a sketch of the pedigree in the space below. Include the shading of each individual and the genotypes of each individual in the family.

2. What would be the cross for the parents in generation 1(father x mother)?

3. What percent of the children are homozygous recessives?

4. If one son gets married and all his children have brown eyes, what must the genotype of his wife be? Draw a punnett square to explain your answer.

Name:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Period:\_\_\_\_\_\_\_\_\_\_\_\_

Go to the following link and click on eye color. Follow the directions to complete the pedigree.

<http://www.zerobio.com/drag_gr11/pedigree/pedigree_overview.htm>

1. Make a sketch of the pedigree in the space below. Include the shading of each individual and the genotypes of each individual in the family.

2. What would be the cross for the parents in generation 1(father x mother)?

3. What percent of the children are homozygous recessives?

4. If one son gets married and all his children have brown eyes, what must the genotype of his wife be? Draw a punnett square to explain your answer.