Name: _____ Class Period: _____ Date turned in: _____

Human Heredity Homework
4/4A, 4/5B Due 4/6 (all classes)

1. Define "trait".

2. What is an "allele"?

3. Contrast "homozygous" with "heterozygous" and provide an example.

4. The interactive lists 3 types of traits. Explain what each type is:
   A. Physical

   B. Behavioral

   C. Predisposition

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5. Does having a gene for a trait necessarily mean that you will show that trait? Why or why not?

6. What is the difference between single gene and complex traits? Provide 3 examples of complex traits. (Hint-you may need to research this!)