

Name: \_\_\_\_\_ Date: \_\_\_\_\_ Hour: \_\_\_\_\_

### Online Research for a Genetic Disorder

**Directions:** Access the following website: <http://www.ncbi.nlm.nih.gov/books/bv.fcgi?rid=gnd>. Click on "Introduction to Genes and Disease" and read the introduction to this website. Once you are finished reading the introduction, click the "Back" button to return to the original page. Next, decide what area of genetic disorder you are interested in and click on that link. Read through the explanation, choose a specific disorder that interests you and click on it, then answer the following questions in complete sentences.

1. What is the name of the genetic disorder?
2. What system/part of the body does the disorder affect?
3. What gene and/or chromosome is mutated in this disorder?
4. What is the type of mutation that causes this disorder?
5. Is this mutation dominant or recessive?
6. What are the symptoms of this disorder?
7. What are the possible treatments for this disorder?
8. Does this disorder affect specific populations of people more so than other populations?
9. What is the percentage or ratio of the population suffering from this disorder?

10. Search [www.google.com](http://www.google.com) or [www.yahoo.com](http://www.yahoo.com) to find two reputable websites containing information about this disorder. Reputable websites end in **.edu**, **.gov**, or **.org** . For each website, write the website address, the name of the website, and two facts about this disorder that are different from those above.

**Website 1**

Address:

Name:

Fact 1:

Fact 2:

**Website 2**

Address:

Name:

Fact 1:

Fact 2: