**Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Grade \_\_\_\_\_\_\_**

Sickle Cell Anemia

Sickle cell anemia is an inherited blood disorder. It is an autosomal trait, and it is recessive. In other words, an organism must be homozygous recessive to have Sickle Cell Anemia. It is a disease where the body makes sickle shaped blood cell. This disease makes the blood cells in the shape of a "c". This "c" shape makes it hard for the blood cells to travel through the blood vessels.

**DIRECTIONS:** The data on the chart below shows the population of people with sickle cell anemia living in the United States of America.

|  |  |
| --- | --- |
| Ethnicity | Number of carriers |
| Caucasian | 1720 |
| Hispanic | 5280 |
| Native American | 36,200 |
| Asian | 7,610 |
| African American | 289,000 |

Construct a bar graph on the back of this page using the data in the chart above.