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

**DIRECTIONS:** The data on the chart below shows the average mass size of the first 10 elements.

|  |  |
| --- | --- |
| Element | Atomic Mass Unit |
| Hydrogen | 1.0 |
| Helium | 4.0 |
| Lithium | 6.9 |
| Beryllium | 9.0 |
| Boron | 10.8 |
| Carbon | 12.0 |
| Nitrogen | 14.0 |
| Oxygen | 15.9 |
| Fluorine | 18.9 |
| Neon | 20.1 |

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

2. Use your graph to explain how the atomic mass unit is related, or

not related, to the location of the element in the periodic table.

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