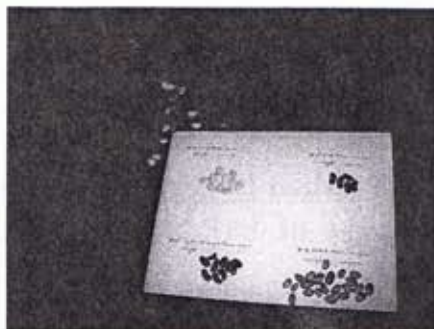


Mrs. Aldoori

Name _____

Date _____



Average Atomic Masses of Elements

Most elements occur naturally as mixtures of isotopes. The percentage of each isotope for a given element on earth is nearly always the same, no matter where the element is found.

The percentage of each element's isotopes is taken into account when calculating the element's average atomic mass.

Use your textbooks to define

Average atomic mass:

Please start working on your activities using the container your teacher has provided.

1. You have four sizes of beans. Separate the colors and fill out the table below.

| Color of Bean | Number of beans | Weight of beans |
|---------------------|-----------------|-----------------|
| Dark Brown | | |
| White | | |
| Light Brown | | |
| Dotted Brown | | |

Total # of beans: _____