

Name: _____

Period: _____

HW—21:ATL — After Test
Mr. Murray, IPC
www.aisd.net/smurray

Assigned: Mon., 11/24/03
Due: Mon., 12/1/03

1. If a 300 gram boat displaces 400 grams of water how much cargo can it carry?

3. A graduated cylinder has 35 mL of water. When you drop a 10 gram rock in the water goes up to 40 mL. Find the rock's density.

5. Give the ion notation for an atom with 18 electrons and 20 protons.

2. Name the three particles in the atom and their charges:

4. An atom has a mass number of 16 and 7 protons. What element is it and how many neutrons does it have?

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**Vocabulary
review for final**

Isotope
Nucleus
Substance

Matter
Compound
Malleability

Atomic Number
Brittleness
Elasticity

1. Cannot be separated by physical means.
2. An atom with a different number of neutrons
3. A measure of how easily a solid will shatter.
4. The measure of a solid's ability to return to its original shape after stretching.
5. A classification of anything that has mass and takes up space.
6. A measurement of how easily a solid can be pounded into thin sheets
7. Center of the atom, contains most of the atom's mass.
8. Number of protons in an atom; also the way the elements are numbered.
9. Two or more elements combined.

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