

Name: _____

Period: _____

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

Assigned: Thurs., 11/20/03
Due: Mon., 11/24/03

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

3. A graduated cylinder has 30 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 17 protons.

2. If a 250 gram boat displaces 400 grams of water how much cargo can it carry?

4. An atom has a mass number of 30 and 14 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. Number of protons in an atom; also the way the elements are numbered.
2. An atom with a different number of neutrons
3. Two or more elements combined.
4. Center of the atom, contains most of the atom's mass.
5. A measurement of how easily a solid can be pounded into thin sheets
6. The measure of a solid's ability to return to its original shape after stretching.
7. A measure of how easily a solid will shatter.
8. Cannot be separated by physical means.
9. A classification of anything that has mass and takes up space.

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