

Name: \_\_\_\_\_

Period: \_\_\_\_\_

HW—25:AT — Review for Test  
Mr. Murray, IPC  
www.aisd.net/smurray

Assigned: Mon., 12/15/03  
Due: Wed., 12/17/03

1. An element has 15 protons and a mass number of 32.

Mass #: 32

# of protons:

# of neutrons:

# of valence electrons:

# of full electrons shells:

2. Make balanced ionic compounds from:

Ca and F

Mg and S

Al and  $\text{NO}_3^-$

3. Name these:  $\text{MgO}$ ;  $\text{C}_2\text{F}_4$   $\text{Mg}(\text{NO}_3)_2$ ;

4. A 20 gram object is dropped into a graduated cylinder. The water in the cylinder rises from 20 mL to 30 mL. Find the object's density.

5. Find the molecular mass of  $\text{CO}_2$

6. **On the back** draw a density column of: liquid A (2.3 g/mL); liquid B (1.0 g/mL); liquid C (0.87 g/mL); object 1 (1.5 g/mL)

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