Video Notes: Hunting the Elements, part 1 Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Gold

1. How much gold comes from one ton of rock?
2. Does gold like to share electrons?

Copper

1. What is the atomic number of copper?
2. When economic times are bad what happens to the price of copper, does it go up or down?

Bronze

1. Bronze is a mixture of copper and \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ .
2. Did the Liberty Bell crack because of too much or too little tin?

Periodic Table

1. Mendeleev sorted the elements on the periodic table not by atomic number but by

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

1. 70% if the elements on the table are \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
2. Oxygen is 16xs the weight of what other element?
3. Noble Gases have electron shells that are \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.
4. Mixing chlorine gas and sodium metal, what seasoning was made for the popcorn?

Oxygen

1. How many electrons does oxygen want?
2. What is found in the trunk of the car?
3. Every time atoms form new bonds the reaction releases

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_. And that is what powers explosions.

1. Similar oxygen reactions are seen every day like ordinary \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ .