

Name: \_\_\_\_\_ Block: \_\_\_\_\_ Date: \_\_\_\_\_

# Amber Alert!! – Missing Periodic People

## Introduction

Your task is to arrange the Periodic People in some logical pattern so that they form an organized rectangular block. Within each **group**, all the people in that group must be *exactly the same* in some way (the **Key Similarity**), AND must also *share some feature that changes regularly* as you move down the group (the **Varying Trait**). Similarly, within each **period**, all the people in the period must be *exactly the same* in some way (the **Key Similarity**), AND must also *share some feature that changes regularly* as you move across the period (the **Varying Trait**). Two periodic people are missing from your set; simply leave empty spaces in your rectangular block for these people. Once you have finished arranging your people, have your teacher look at your block to check it and to sign your paper below. You must have the teacher sign your paper before you proceed to answering the questions that follow. Be prepared to answer any questions the teacher may have about why you placed the people in the order you did. Good luck.

Teacher Signature: \_\_\_\_\_

## Questions:

1. How many **groups** of people do you have? \_\_\_\_\_ How many **periods** of people do you have? \_\_\_\_\_
2. *The Missing People*... For each person that is missing... list five statements describing what he/she looks like, and then draw it neatly in the space provided.

### DESCRIPTION OF MISSING PERSON #1

### DRAWING OF MISSING PERSON #1

I.

II.

III.

IV.

V.

### DESCRIPTION OF MISSING PERSON #2

### DRAWING OF MISSING PERSON #2

I.

II.

III.

IV.

V.

$\sqrt{n} \neq d \neq P \sqrt{2}$ 
 $\blacksquare \blacksquare \blacksquare \sqrt{\phantom{x}} \blacksquare \sqrt{\phantom{x}} \odot^2 \blacksquare \blacksquare \odot \circ \sqrt{\phantom{x}} \blacklozenge^n \blacksquare \blacksquare \clubsuit \sqrt{\phantom{x}} \blacksquare \blacksquare \blacksquare \blacksquare \blacksquare \blacksquare \blacksquare \blacksquare \blacklozenge \circ \sqrt{\phantom{x}} \blacksquare$

3. Now, give detailed information about your chart of Periodic People. Circle **group** or **period** and list the group or period number. Then, list the **Key Similarity** and the **Varying Trait** for the people in that group or period. Be specific, yet concise.

Group or Period	Number	Key Similarity	Varying Trait
Group or Period			
Group or Period			
Group or Period			
Group or Period			
Group or Period			
Group or Period			
Group or Period			
Group or Period			
Group or Period			
Group or Period			
Group or Period			
Group or Period			
Group or Period			
Group or Period			

4. Explain how this Table of Periodic People is like the Periodic Table of Elements. Give examples...not one or two sentences.

---



---



---



---



---



---