

Name _____ Date _____ Hour _____

Periodic Table Relationships

In each of the following sets of terms, one term does not belong. Read each group of terms, circle the term that doesn't belong. Then write a sentence that explains why the remaining words belong together. One has been done for you as an example.

Days of the week, phases of the moon, months of the year, grades in school

Days of the week, phases of the moon, and the months of the year repeat in a specific pattern, they are periodic events.

1. Vertical column, group, period, family

2. Sodium, alkali metal, 2 valence electrons, Group 1

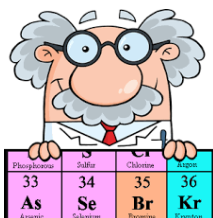
3. Density, symbol, atomic number, name of the element

4. Periods, families, seven, horizontal rows

5. Metal, boron, silicon, antimony

6. Gold, copper, metals, silver color

7. Transition elements, nickel, platinum, selenium



8. Sodium, sulfur, fluorine, aluminum

9. Chlorine, halogen, fluorine, arsenic

10. Mendeleev, increasing atomic number, Mosely, Periodic Table

11. Helium, argon, neon, hydrogen

12. Calcium, s-block, Strontium, Lithium, p-block

13. Alkaline earth metal, halogens, noble gases, alkali metals, lanthides, representative elements

14. Mercury, lithium, vanadium, lead

15. Shiny, nonmetals, malleable, ductile, silver in color

