

Name: _____ Date: _____ Period: ____ #: ____

Unit 4 Test Review: Periodic Table

- Who is credited with creating the first periodic table of the elements? _____
- Horizontal rows on the periodic table are called? _____
- Vertical columns on the periodic table are called? _____
- Elements in the same period share similar? _____
- Elements in the same group share similar? _____ and _____
- As you move across the periodic table diagonally from francium to fluorine what happens to the atomic radii of atoms? _____
- As you move across the periodic table diagonally from francium to fluorine what happens to the electronegativity of atoms? _____
- Circle the element with the highest electronegativity
 - Na N Ga Y
 - Fr W I F
 - Mg N Cl P
- Circle the element with the largest atomic radius
 - Na N Ga Y
 - Fr W I F
 - Mg N Cl P
- List the group number(s) of each of the following families:
 - Halogens _____
 - Alkaline Earth Metals _____
 - Alkali Metals _____
 - Noble Gases _____
- Circle the transition metals below
 - Na N Ga Y
 - Fr W I F
 - Mg N Cl P
- Circle the non metals below
 - Na N Ga Y
 - Fr W I F
 - Mg N Cl P
- Circle the metalloids below
 - B Cd Ga Fe
 - Fr I As Fr
 - Mg Te Cl Ag
- Circle the elements below with 5 valence electrons
 - Fr N Ga P
- Circle the elements below with 8 valence electrons
 - Ne Sn Fe Ar
- Circle the more reactive element in each pair
 - Na N
 - Ga Y
 - Fr W
 - I F
 - Mg N
 - Cl P

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