Periodic Trends Practice

Atomic Radius

1. Definition \_\_\_\_\_\_\_

For each of the following pairs identify the element with the largest atomic radius…….

1. Li K 3. Be F 4. Cl Br 5. Na Ar 6. Ne Xe 7. Ca Se

Electronegativity

8. Definition \_\_\_\_\_\_\_

For each of the following pairs identify the element with the largest electronegativity…….

1. Li K 10. Be F 11. Cl Br 12. Na Ar 13. Ne Xe 14. Ca Se

Ionization Energy

15. Definition \_\_\_\_\_\_\_

For each of the following pairs identify the element with the largest ionization energy…….

1. Li K 17. Be F 18. Cl Br 19. Na Ar 20. Ne Xe 21. Ca Se

Periodic Trend Analysis:

Put these elements in order with respect to each of the trend properties in DECREASING order (largest to smallest value) ….. Argon Arsenic Iron Barium

Atomic Radius Electronegativity Ionization Energy

1. 1. 1.
2. 2. 2.
3. 3. 3.
4. 4. 4.