

Apply – Periodic Table Trends II

Directions: For each of the following pairs of elements, circle the element that you would predict would have the largest atomic radius.

1. Al and Cl
2. N and Bi
3. B and Te
4. Rb and Sb
5. Be and Ra

Directions: For each of the following pairs of elements, circle the element that you would predict would have the lowest ionization energy.

6. Tc and In
7. Sc and Lr
8. Co and Kr
9. Ni and Pt
10. Mo and Pd

Directions: For each of the following elements, circle the element that you would predict would have the highest electronegativity.

11. Sc and Lu
12. Zr and Cd
13. Sn and Cl
14. Ne and Te
15. Li and Ba