

5 • What Do Atoms Look Like?

PERIODIC TABLE VIDEO

1. The uniqueness of atoms of individual _____ can be traced to their atomic structure.
2. Most of the elements of the periodic table are _____ (solids, liquids, or gases).
3. Elements within a group or a family have similar _____.
4. When alkali metals are exposed to air their surfaces become _____.
5. The alkali metal that reacts most slowly with water is ____ (Li, Na, K, Rb, Cs)
6. Moving across a period, the size of the atoms _____.
7. Substituting _____ for sodium on the surface of glass makes the glass stronger and more flexible.
8. Glenn Seaborg was awarded the _____ prize in 1951.
9. All alkali metals have ___ electron in their outer shell.
10. Nobel gases have a _____ valence shell of electrons.

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