Name _____ Date _____ Period _____

Video Guide: *The Periodic Table Explained* www.AtomicKids. org (14 minutes)

https://www.youtube.com/watch?v=uPkEGAHo78o&ab_channel=AtomicSchool

This video describes the parts and arrangement of the Periodic Table including the three areas of classification and their respective properties.

1. All things in the world are made of _____.
2. An _____ is a substance made of only one kind of atom.
3. There are _____kinds of natural elements.
4. The _____ is a list that starts with the lightest element, hydrogen, and ends with the heaviest atoms of uranium.
5. One or two letters used as a shorthand for an element is called its _____.
6. The atomic number shows its _____ in the Periodic Table.
7. Lithium has an atomic number of _____.
8. There are _____ horizontal rows in the Periodic Table.
9. Groups are (circle one) families colors labels.
10. There are _____ groups on the table.
11. The gray diagonal band divides the table into _____ and nonmetals.
12. Metals are shiny and _____ (except mercury).
13. Metals conduct electricity and _____.
14. Metals are malleable. If you hit them with a hammer, they flatten into a thinner _____.
15. Nonmetals like sulfur (circle one) do don't conduct electricity.
16. Silicon is _____ when wacked with a hammer.
17. Nearly (circle one) all ½ ¾ of the elements are metals.
18. The Periodic Table is the _____ of the Universe.