Video: Mr. Anderson: A Tour of the Periodic Table Name_____
https://www.youtube.com/watch?v=fLSfgNxoVGk

1-2. Mr. Anderson uses a periodic table that shows us that the ( _____ ) are columns and the ( _____ ) are rows.

3-4. There are _____ groups and _____ periods on a periodic table.

5-8. Group 1: the alkali metals group goes all the way from _____ at the top to _____ at the bottom. They all have _____ valence electron(s), and are _____ (**highly reactive** or **non-reactive)**

9-12. Group 2: the alkaline earth metals group goes all the way from _____ at the top to _____ at the bottom. They all have _____ valence electron(s), They are reactive, and tend to form _____ with oxygen.

13-16. Group 17: the halogens group goes all the way from _____ at the top to _____ at the bottom. They all have _____ valence electron(s). They are _____ (**highly reactive** or **non-reactive)**

17-20. Group 18: the noble gases are the most _____ elements of all. They go from _____ at the top to _____ at the bottom. All of these have _____ valence electron(s). *Hi! It's me—Helium only has **2** valence electrons. It's an exception!*

21-27. The CHNOPS are a way to remember the nonmetals. Their acronym is made up from their name symbols:

C = _____ H = _____ N = _____
O = _____ P = _____ S = _____

*He also correctly included Se = _____, which did not get into the acronym.*

28-30 He points out (circles) the center of the table and calls these _____ metals. He says they have weird numbers of _____; they may look the same, but have different _____.

31. The poor metals include aluminum, gallium, and numerous others that are somewhat good _____, but not as good as the true metals.

32-39. The metalloids include the following elements:

B = _____ Si = _____ Ge = _____
As _____ Sb = _____ Te = _____ Po = _____

The metalloids are all _____ (**great / poor / semi-** ) conductors.

40. He ends the video with element #92: _____.
*This element is the last of the naturally occurring elements found in nature. After this element, the remaining elements (through 118) are synthetic or man-made.*

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