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Atoms, Elements , and Compounds

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|  |  |  |  |  |  | 14E |  |  | 151 |  4 |  A |  N |  D |  2 |  |  |  |  |  |  |  E |  |  |  |  S |  |  |  |  |
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|  |  |  |  | 16A |  N |  E |  X | 17T |  R |  E |  M |  E |  R |  E |  A |  C |  T |  I |  O |  N |  |  |  |  |  R |  |  |  |  |
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| **Across****4.**  What type of charge does a proton take on? **5.** Could i combine metals and non-metals and still have a metal? **8.** How many compund(s) make an element? **9.** What is the atomic mass for Rhodium **12.** How many elements are there on the periodic table?**15.** What is the group and period of carbon? **16.** What kind of reaction would i get if i mixed Lithium with water? **18.** What is a metaliod? **20.** Is Astatine a metal, metaliod, or non-metal?  | **Down****1.** How do you calculate neutrons? **2.** What are examples subatomic partical? **3.** What is the name of the elemnt with the atomic mass of 257?**6.** What is the chemical symbol for Lawrencium? **7.** Am I a consederd made of 1 element?**10.** If Lithium has an atomic number of 3, how many protons are there? (hint: A.P.E) **11.** What is the symbol for neon? **13.** Could an electron be located inside the nucleus? **14.** Where are the electrons located? (hint: outside the nucleus) **17.** How many subatomic particals are inside an atoms nucleus? **19.** What makes up everything around us?  |