

1. \_\_\_\_\_ What do we call the around 114 things that make up everything on earth.
2. \_\_\_\_\_ Can an element be broken down to anything smaller than what it is and still have the same qualities like being a solid that the element is.
3. \_\_\_\_\_ If we break an element down into smaller parts what 3 particles does it become.
4. In the molecule  $C_3H_8$  tell me how many Carbons there are and how many Hydrogens there are.  
\_\_\_\_\_ Carbons                      \_\_\_\_\_ Hydrogens
5. \_\_\_\_\_ Can scientists create new elements
6. \_\_\_\_\_ Where do scientists specifically make new elements.
7. \_\_\_\_\_ To make a new element what atomic particle do we add to an atom.
8. \_\_\_\_\_ T or F Chemically speaking we can mix up a raccoon in a bowl.
9. \_\_\_\_\_ If we mix up a raccoon in a bowl can we add an element to the mixture to add the spark of life to the raccoon and make the mixture come alive.
10. \_\_\_\_\_ Jim Bob wanted to know the chemical symbol for iron. He asked 4 people what the symbol was and got the 4 answers below. Which one is correct. Upper and lower case counts.  
A. FE      B. Fe      C. fe      D. Ir
11. \_\_\_\_\_ T or F Every chemical symbol for an element will be the first or first and second letter of the name of the element.
12. \_\_\_\_\_ T or F The human body is worth 1,000s of dollars for the elements that are in it.
13. \_\_\_\_\_ What is the name of the chart that shows the 114 elements on Earth and puts them near other elements that have similar characteristics.
14. \_\_\_\_\_ The number of which of the atomic particle in an atom below will determine what element the atom will be.  
A. Protons      B. Quarks      C. Electrons      D. Neutrons

**TURN OVER MADDIE AND DO THE NEXT 25 QUESTIONS**