

Elements, Compounds, and Mixtures

I. Label each as an element or compound. If it is a compound, write how many elements it is made of.

1. Xe _____ 2. NO _____ 3. CaCO₃ _____
4. Si _____ 5. Be _____ 6. Rn _____
7. KCl _____ 8. CaBr₂ _____ 9. KF _____

10. What does the number in a compound tell us? What is it called?

II. Label each as heterogeneous mixture, homogeneous mixture, element, or compound:

- | | |
|----------------------|---------------------------|
| 1. taco seasoning | 2. grape juice |
| 3. sodium | 4. ink |
| 5. lithium fluoride | 6. fruit salad |
| 7. maple syrup | 8. cement |
| 9. beach sand | 10. air |
| 11. carbon dioxide | 12. Jell-o |
| 13. stainless steel | 14. salt |
| 15. homogenized milk | 16. chocolate chip cookie |

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