

Practice - Interpreting Chemical Formulas

Interpret the following chemical formulas using the rules on the previous page. For your answer, list how many of each element are contained in the compound.

Example: H_2SO_3

Answer: 2 – H, 1 – S, 3 – O

1. FeS _____

2. Cl_2 _____

3. ZnCl_2 _____

4. Na_2O _____

5. K_2SO_4 _____

6. H_2CO_3 _____

7. $\text{Ca}(\text{OH})_2$ _____

8. $\text{Cu}(\text{NO}_3)_2$ _____

9. $\text{Fe}(\text{NO}_3)_2$ _____

10. $(\text{NH}_4)_2\text{SO}_4$ _____

11. 2KOH _____

12. $2\text{H}_2\text{O}$ _____

13. 2KNO_3 _____

14. $3\text{Ca}(\text{OH})_2$ _____

15. $4\text{Pb}(\text{C}_2\text{H}_3\text{O}_2)_2$ _____