



Chem!stry

Name: ()

Class:

Date: / /

Introduction to Writing Balanced Chemical Equations

1. How many atoms of chlorine are there in Cl_2 ?
2. How many atoms of hydrogen are there in NH_3 ?
3. How many atoms of oxygen are there in CH_3COOH ?
4. How many atoms of hydrogen are there in $(NH_4)_2SO_4$?
5. How many atoms of nitrogen are there in $Fe(NO_3)_3$?
6. How many atoms of oxygen are there in $Ca_3(PO_4)_2$?
7. How many atoms of hydrogen are there in $(NH_4)_3PO_4$?
8. How many atoms of oxygen are there in $Mg_3Si_4O_{10}(OH)_2$?
9. How many atoms of oxygen are there in $Al_2(SO_4)_3$?
10. How many atoms of oxygen are there in $CuSO_4 \cdot 5H_2O$?
11. How many atoms of sulfur are there in $4S_8$?
12. How many atoms of chlorine are there in $3PCl_5$?
13. How many atoms of hydrogen are there in $6H_2O_2$?
14. How many atoms of sulfur are there in $7Na_2S_2O_3$?
15. How many atoms of hydrogen are there in $3CH_3CH_2CH_3$?
16. How many atoms of carbon are there in $4CH_3(CH_2)_3CH_3$?
17. How many atoms of oxygen are there in $5Ca(OH)_2$?
18. How many atoms of nitrogen are there in $8Mg(NO_3)_2$?
19. How many atoms of oxygen are there in $9Fe_2(SO_4)_3$?
20. How many atoms of hydrogen are there in $5RhCl_3 \cdot 3H_2O$?
21. How many atoms of oxygen are there in $H_2O + CO_2$?
22. How many atoms of oxygen are there in $2H_2O + 3CO_2$?
23. How many atoms of nitrogen are there in $4NH_3 + 6N_2H_2$?
24. How many atoms of carbon are there in $3C_3H_8 + 5C_6H_{14}$?
25. How many atoms of hydrogen are there in $6C_3H_8 + 3C_6H_{14}$?
26. How many atoms of oxygen are there in $2Pb(NO_3)_2 + 8H_2O$?
27. How many atoms of oxygen are there in $5Fe_2(SO_4)_3 + 7Fe(NO_3)_3$?
28. How many atoms of sulfur are there in $4Al_2(SO_4)_3 + 5H_2S + 6SO_2$?
29. How many atoms of nitrogen are there in $2(NH_4)_3PO_4 + 4Ca(NO_3)_2 + 6Al(NO_3)_3$?
30. How many atoms of hydrogen are there in $3HCl + 5H_2O + 7NH_3 + 9CH_4$?

- Scan the QR code below to view the answers to this assignment.



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