

Name: _____

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Chemistry 11

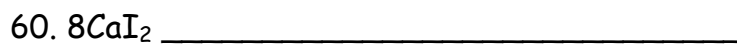
Atoms Worksheet

Directions: Odd # - List all Elements and the # of atoms or each element.
Even # - Total # of atoms in this molecule.

1. H_2O 2 Hydrogen atoms, 1 oxygen atom
2. ClO_2 3 atoms total
3. NH_3 _____
4. $PbCl_2$ _____
5. CCl_4 _____
6. C_3H_8 _____
7. C_5H_{12} _____
8. $Ca(OH)_2$ _____
9. $BaSO_4$ _____
10. $Mg(NO_3)_2$ _____
11. $Al(ClO_3)_3$ _____
12. $NiSO_4$ _____
13. HNO_3 _____
14. P_4O_{10} _____
15. C_2H_5OH _____
16. HF_2 _____
17. $Mg(ClO_4)_2$ _____
18. $MnCl_2$ _____
19. $Cr(NO_3)_3$ _____
20. $Zn(NO_3)_2$ _____
21. $Sn(SO_4)_2$ _____
22. $BaCO_3$ _____
23. $NaClO$ _____
31. $Fe(C_2H_3O_2)_3$ _____
32. KCN _____
33. KCl _____
34. $Cr(OH)_3$ _____
35. $Fe(IO_4)_3$ _____
36. PBr_5 _____
37. $KMnO_4$ _____
38. $Sr(NO_3)_2$ _____
39. $CaCO_3$ _____
40. $2NH_3$ _____
41. $5CO$ _____
42. $3CCl_4$ _____
43. $2FeCO_3$ _____
44. $2(NH_4)_2CO_3$ _____
45. $5HIO_2$ _____
46. $3HNO_2$ _____
47. $10H_2SO_4$ _____
48. $5HCl$ _____
49. $6CH_4$ _____
50. $3MgCl_2$ _____
51. $5C_3H_8$ _____
52. $2PCl_5$ _____
53. $6NO_2$ _____

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Each particle of the following compounds contains the atoms listed. Write the formula of each compound.

1. One copper atom and one sulphur atom _____

2. One nitrogen and three hydrogen atoms _____

3. Two hydrogen and one sulphur atom _____

4. One hydrogen, one nitrogen and three oxygen atoms _____

5. Two potassium, one carbon and three oxygen atoms _____

6. Two aluminum and three oxygen atoms _____

7. One iron, one phosphorous and four oxygen atoms _____

8. One nitrogen, four hydrogen, one carbon and three oxygen atoms _____

9. One sodium, one manganese and four oxygen atoms _____

10. One potassium, one chlorine and three oxygen atoms _____

11. Six carbons, twelve hydrogen and six oxygen atoms _____

12. One carbon, three hydrogen, one oxygen and one hydrogen atom. _____