

ELEMENT SYMBOLS

Name _____ 55

Write the symbol for the following elements which are common in living things.

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|--------------------|----------------------|
| 1. oxygen _____ | 10. sulfur _____ |
| 2. hydrogen _____ | 11. phosphorus _____ |
| 3. chlorine _____ | 12. iodine _____ |
| 4. potassium _____ | 13. magnesium _____ |
| 5. fluorine _____ | 14. nitrogen _____ |
| 6. manganese _____ | 15. copper _____ |
| 7. carbon _____ | 16. iron _____ |
| 8. zinc _____ | 17. calcium _____ |
| 9. sodium _____ | 18. cobalt _____ |

Write the name of the element indicated by each of the following symbols.

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|--------------|--------------|
| 19. As _____ | 30. Al _____ |
| 20. Pb _____ | 31. Cu _____ |
| 21. Kr _____ | 32. Ag _____ |
| 22. Ba _____ | 33. Pu _____ |
| 23. He _____ | 34. Sr _____ |
| 24. Ne _____ | 35. Am _____ |
| 25. Si _____ | 36. Au _____ |
| 26. U _____ | 37. Ra _____ |
| 27. Sn _____ | 38. Ge _____ |
| 28. Pt _____ | 39. Br _____ |
| 29. Rn _____ | 40. Hg _____ |

COMPOUNDS AND ELEMENTS

Fill in the chart with the appropriate information about each of the substances in the left column.

Chemical formula	Element	Compound	How many Elements?	How many Atoms?	Chemical name
1. $C_6H_8O_7$					
2. O_2					
3. Fe_2O_3					
4. Ne					
5. Na_2CO_3					
6. S					
7. $C_{12}H_{22}O_{11}$					
8. $CaCO_3$					
9. NaCl					
10. $Cu(NO_3)_2$					
11. $CaCl_2$					
12. N_2					
13. $C_6H_8O_6$					
14. $MgSO_4$					
15. $NaHCO_3$					