

# ELEMENT SYMBOLS

Name \_\_\_\_\_

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

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|------------------------|-------------------------|
| 1. oxygen <u>O</u>     | 10. sulfur <u>S</u>     |
| 2. hydrogen <u>H</u>   | 11. phosphorus <u>P</u> |
| 3. chlorine <u>Cl</u>  | 12. iodine <u>I</u>     |
| 4. potassium <u>K</u>  | 13. magnesium <u>Mg</u> |
| 5. fluorine <u>F</u>   | 14. nitrogen <u>N</u>   |
| 6. manganese <u>Mn</u> | 15. copper <u>Cu</u>    |
| 7. carbon <u>C</u>     | 16. iron <u>Fe</u>      |
| 8. zinc <u>Zn</u>      | 17. calcium <u>Ca</u>   |
| 9. sodium <u>Na</u>    | 18. cobalt <u>Co</u>    |

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

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|--|--|
| 19. As <u>Arsenic</u> $p^+/e^- = 33, n^0 = 42$   | 30. Al <u>aluminum</u> $p^+/e^- = 13, n^0 = 14$ <small># of protons, electrons and neutrons.</small> |
| 20. Pb <u>lead</u> , $p^+/e^- = 82, n^0 = 125$   | 31. Cu <u>copper</u> $p^+/e^- = 29, n^0 = 35$  |
| 21. Kr <u>Krypton</u> $p^+/e^- = 36, n^0 = 48$   | 32. Ag <u>Silver</u> $p^+/e^- = 47, n^0 = 61$  |
| 22. Ba <u>barium</u> $p^+/e^- = 56, n^0 = 81$    | 33. Pu <u>plutonium</u> $p^+/e^- = 94, n^0 = 150$  |
| 23. He <u>helium</u> $p^+/e^- = 2, n^0 = 2$      | 34. Sr <u>Strontium</u> $p^+/e^- = 38, n^0 = 50$   |
| 24. Ne <u>Neon</u> $p^+/e^- = 10, n^0 = 10$      | 35. Am <u>americium</u> $p^+/e^- = 95, n^0 = 148$  |
| 25. Si <u>Silicon</u> , $p^+/e^- = 14, n^0 = 14$ | 36. Au <u>gold</u> $p^+/e^- = 79, n^0 = 118$   |
| 26. U <u>uranium</u> $p^+/e^- = 92, n^0 = 146$   | 37. Ra <u>radium</u> $p^+/e^- = 88, n^0 = 138$   |
| 27. Sn <u>tin</u> $p^+/e^- = 50, n^0 = 61$       | 38. Ge <u>germanium</u> $p^+/e^- = 32, n^0 = 41$   |
| 28. Pt <u>platinum</u> $p^+/e^- = 78, n^0 = 117$ | 39. Br <u>bromine</u> $p^+/e^- = 35, n^0 = 45$   |
| 29. Rn <u>radon</u> $p^+/e^- = 86, n^0 = 136$    | 40. Hg <u>Mercury</u> $p^+/e^- = 80, n^0 = 121$  |