

# ELEMENT SYMBOLS

Name \_\_\_\_\_

An element symbol can stand for one atom of the element or one mole of atoms of the element. (One mole =  $6.02 \times 10^{23}$  atoms of an element.)

Write the symbol for the following elements.

- |                   |                     |
|-------------------|---------------------|
| 1. oxygen _____   | 11. plutonium _____ |
| 2. hydrogen _____ | 12. americium _____ |
| 3. chlorine _____ | 13. radium _____    |
| 4. mercury _____  | 14. germanium _____ |
| 5. fluorine _____ | 15. zinc _____      |
| 6. barium _____   | 16. arsenic _____   |
| 7. helium _____   | 17. lead _____      |
| 8. uranium _____  | 18. iron _____      |
| 9. radon _____    | 19. calcium _____   |
| 10. sulfur _____  | 20. cobalt _____    |

Write the name of the element that corresponds to each of the following symbols.

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|--------------|--------------|
| 21. Kr _____ | 31. Cu _____ |
| 22. K _____  | 32. Ag _____ |
| 23. C _____  | 33. P _____  |
| 24. Ne _____ | 34. Mn _____ |
| 25. Si _____ | 35. I _____  |
| 26. Zr _____ | 36. Au _____ |
| 27. Sn _____ | 37. Mg _____ |
| 28. Pt _____ | 38. Ni _____ |
| 29. Na _____ | 39. Br _____ |
| 30. Al _____ | 40. Hg _____ |