

# Reviewing Element Names and Symbols

**Goal** • Review the names and symbols of various elements by finding them in the periodic table.

## What to Do

Complete the following tables. Refer to the periodic table in Appendix C of your textbook.

1. Write the full name of the element beside each symbol.

Symbol	Element name	Symbol	Element name
Cl		Ca	
C		Mg	
Ne		Si	
N		S	
He		P	
F		K	

2. Write the correct symbol next to the name of each element.

Element name	Symbol	Element name	Symbol
sodium		gold	
lithium		silver	
aluminum		copper	
boron		cobalt	



## Determining the Number of Atomic Particles

1. Each row in the table represents a different element. Use the information provided to fill in the required information for that element.

Number of protons in the atom	Number of electrons in the atom	Number of neutrons in the atom	Atomic mass of the atom	Atomic number of the atom	Element name	Chemical symbol
7	7					
5	5	6				
1	1	0				
						Ca
30		35				
	13		27	13		
9			19			
	23	28			Vanadium	V
	17		35	17		
	3					Li
	79					Au
	11		23	11		
	33			33		
					tin	
	19					K

2. Create a similar exercise to the one above and exchange with one of your classmates.

Protons	Electrons	Neutrons	Atomic mass	Atomic number	Element name	Chemical symbol