

Worksheet: Elements, Symbols, Periodic Table

Key

1. Fill in the table:

Name	Symbol
silicon	Si
iron	Fe
potassium	K
mercury	Hg
iodine	I
copper	Cu

2. Which elements are in the following substances?

a. CaSO_4

calcium, sulfur, oxygen

b. $\text{C}_{15}\text{H}_{22}\text{ClNO}_2$

carbon, hydrogen, chlorine, nitrogen, oxygen

3. Which element/symbol corresponds to the following locations?

a. Period 4, Group 17

bromine / Br

b. Period 2, Group 2

beryllium / Be

c. Period 6, Group 11

gold / Au

d. Period 5, Group 14

tin / Sn

4. To which family do the following elements belong?

a. Potassium, K

alkali metal / Group 1

b. Nickel, Ni

transition metal / Group 10

c. Sulfur, S

no common name / Group 16

d. Barium, Ba

alkaline earth metal / Group 2