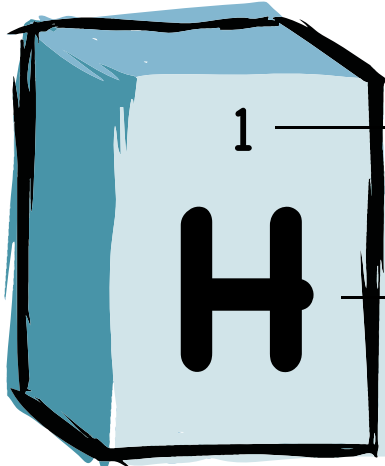


Some mischievous lab mice have been tampering with the periodic table of the elements. It's up to you to set everything back in order.

Use the given symbol, atomic number, or name to locate these elements on the periodic table (on the second page of this worksheet) and find their missing information.

When you're done, see if you can answer the bonus question at the bottom of the page.



**Atomic number**

**Symbol**

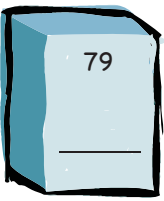
**Name:** Hydrogen  
**Category:** Non-metal



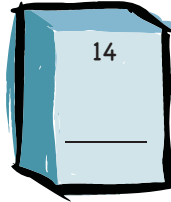
**Name:** Gallium  
**Category:** \_\_\_\_\_



**Name:** \_\_\_\_\_  
**Category:** \_\_\_\_\_



**Name:** \_\_\_\_\_  
**Category:** \_\_\_\_\_



**Name:** \_\_\_\_\_  
**Category:** \_\_\_\_\_



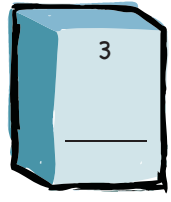
**Name:** Ruthenium  
**Category:** \_\_\_\_\_



**Name:** \_\_\_\_\_  
**Category:** \_\_\_\_\_



**Name:** Fluorine  
**Category:** \_\_\_\_\_



**Name:** \_\_\_\_\_  
**Category:** \_\_\_\_\_

**Bonus Question:**

Which metal among these elements had Americans "rushing" to California in 1948?

\_\_\_\_\_

# Periodic Table of the Elements

■ = metal    ▼ = metalloid    ★ = non-metal

★ 1 <b>H</b> hydrogen	★ 2 <b>He</b> helium	★ 3 <b>Li</b> lithium	★ 4 <b>Be</b> beryllium	★ 5 <b>B</b> boron	★ 6 <b>C</b> carbon	★ 7 <b>N</b> nitrogen	★ 8 <b>O</b> oxygen	★ 9 <b>F</b> fluorine	★ 10 <b>Ne</b> neon
★ 11 <b>Na</b> sodium	★ 12 <b>Mg</b> magnesium	★ 13 <b>Al</b> aluminum	★ 14 <b>Si</b> silicon	★ 15 <b>P</b> phosphorus	★ 16 <b>S</b> sulfur	★ 17 <b>Cl</b> chlorine	★ 18 <b>Ar</b> argon	★ 19 <b>K</b> potassium	★ 20 <b>Ca</b> calcium
★ 21 <b>Sc</b> scandium	★ 22 <b>Ti</b> titanium	★ 23 <b>V</b> vanadium	★ 24 <b>Cr</b> chromium	★ 25 <b>Mn</b> manganese	★ 26 <b>Fe</b> iron	★ 27 <b>Co</b> cobalt	★ 28 <b>Ni</b> nickel	★ 29 <b>Cu</b> copper	★ 30 <b>Zn</b> zinc
★ 31 <b>Ga</b> gallium	★ 32 <b>Ge</b> germanium	★ 33 <b>As</b> arsenic	★ 34 <b>Se</b> selenium	★ 35 <b>Br</b> bromine	★ 36 <b>Kr</b> krypton	★ 37 <b>Rb</b> rubidium	★ 38 <b>Sr</b> strontium	★ 39 <b>Y</b> yttrium	★ 40 <b>Zr</b> zirconium
★ 41 <b>Nb</b> niobium	★ 42 <b>Mo</b> molybdenum	★ 43 <b>Tc</b> technetium	★ 44 <b>Ru</b> ruthenium	★ 45 <b>Rh</b> rhodium	★ 46 <b>Pd</b> palladium	★ 47 <b>Ag</b> silver	★ 48 <b>Cd</b> cadmium	★ 49 <b>In</b> indium	★ 50 <b>Sn</b> tin
★ 51 <b>Sb</b> antimony	★ 52 <b>Te</b> tellurium	★ 53 <b>I</b> iodine	★ 54 <b>Xe</b> xenon	★ 55 <b>Cs</b> cesium	★ 56 <b>Ba</b> barium	★ 57 <b>Fr</b> francium	★ 58 <b>Ce</b> cerium	★ 59 <b>Pr</b> praseodymium	★ 60 <b>Nd</b> neodymium
★ 61 <b>Pm</b> promethium	★ 62 <b>Sm</b> samarium	★ 63 <b>Eu</b> europium	★ 64 <b>Gd</b> gadolinium	★ 65 <b>Tb</b> terbium	★ 66 <b>Dy</b> dysprosium	★ 67 <b>Ho</b> holmium	★ 68 <b>Er</b> erbium	★ 69 <b>Tm</b> thulium	★ 70 <b>Yb</b> ytterbium
★ 71 <b>Lu</b> lutetium	★ 72 <b>Hf</b> hafnium	★ 73 <b>Ta</b> tantalum	★ 74 <b>W</b> tungsten	★ 75 <b>Re</b> rhenium	★ 76 <b>Os</b> osmium	★ 77 <b>Ir</b> iridium	★ 78 <b>Pt</b> platinum	★ 79 <b>Au</b> gold	★ 80 <b>Hg</b> mercury
★ 81 <b>Tl</b> thallium	★ 82 <b>Pb</b> lead	★ 83 <b>Bi</b> bismuth	★ 84 <b>Po</b> polonium	★ 85 <b>At</b> astatine	★ 86 <b>Rn</b> radon	★ 87 <b>La</b> lanthanum	★ 88 <b>Ra</b> radium	★ 89 <b>Ac</b> actinium	★ 90 <b>Th</b> thorium
★ 91 <b>Pa</b> protactinium	★ 92 <b>U</b> uranium	★ 93 <b>Np</b> neptunium	★ 94 <b>Pu</b> plutonium	★ 95 <b>Am</b> americium	★ 96 <b>Cm</b> curium	★ 97 <b>Bk</b> berkelium	★ 98 <b>Cf</b> californium	★ 99 <b>Es</b> einsteinium	★ 100 <b>Fm</b> fermium
★ 101 <b>Md</b> mendelevium	★ 102 <b>No</b> nobelium	★ 103 <b>Lr</b> lawrencium	★ 104 <b>Rf</b> rutherfordium	★ 105 <b>Db</b> dubnium	★ 106 <b>Sg</b> seaborgium	★ 107 <b>Bh</b> bohrium	★ 108 <b>Hs</b> hassium	★ 109 <b>Mt</b> meitnerium	★ 110 <b>Ds</b> darmstadtium

★ 1 — atomic number

**H** — symbol

hydrogen — name

