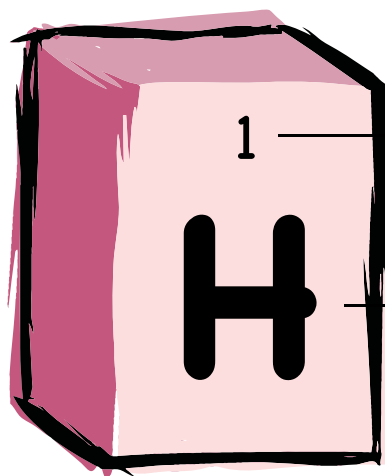




Some mischievous lab mice have been tampering with the periodic table of the elements. It's up to you to set everything back in order.

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.

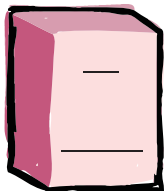


**Atomic number**

**Symbol**

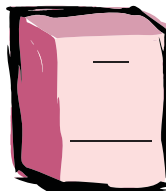
**Name:** Hydrogen

**Category:** Non-metal



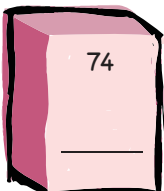
**Name:** Xenon

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



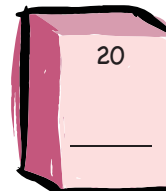
**Name:** Potassium

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



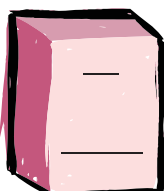
**Name:** \_\_\_\_\_

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



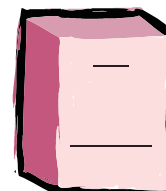
**Name:** \_\_\_\_\_

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



**Name:** Radon

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



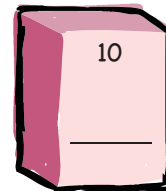
**Name:** Niobium

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



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

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



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

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

### Bonus Question:

Non-metals in the last column on the right side of the periodic table are known as **noble gases**. Which non-metals among these elements are noble gases?

\_\_\_\_\_

# 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>La</b> lanthanum	★ 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>Fr</b> francium	★ 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

