Master the Elements

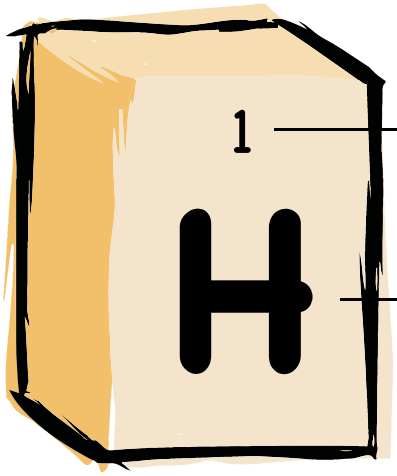
5TH GRADE

PHYSICAL SCIENCE

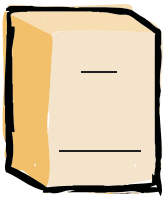
Some mischievous lab mice have been tampering with the periodic table of the elements. It's up to you to set everything back in order.

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.

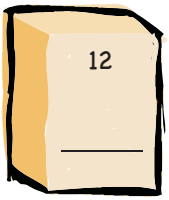


Name: Hydrogen
Category: Non-metal



Name: Strontium
Category: _____

Name: _____
Category: _____



Name: _____
Category: _____

Name: _____
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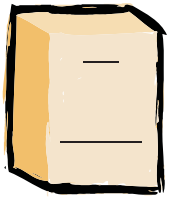
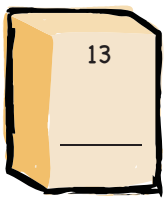


Name: Yttrium
Category: _____

Name: _____
Category: _____



Name: _____
Category: _____

Bonus Question:

Which metal among these elements is used to make soda cans?

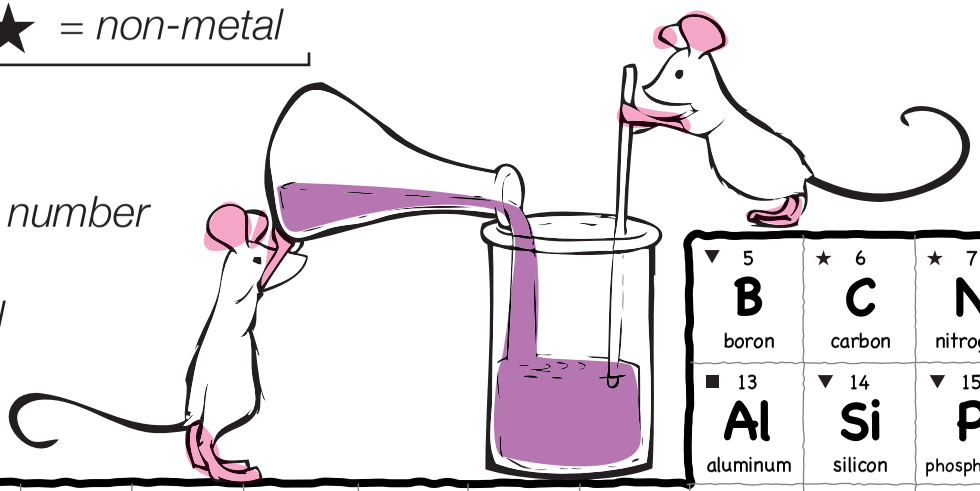
_____

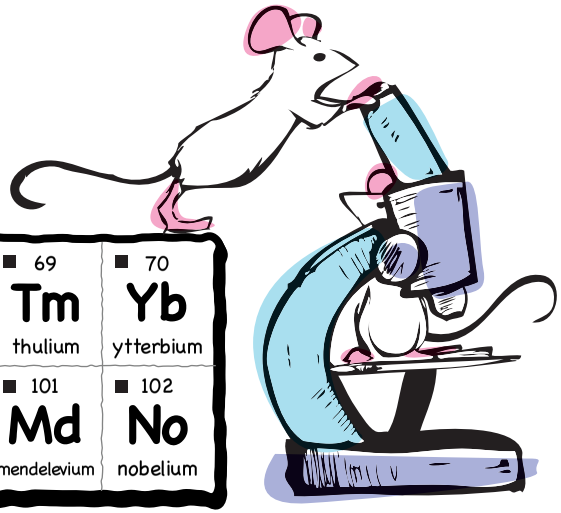
Periodic Table of the Elements

■ = metal ▼ = metalloid ★ = non-metal

★ 1 H hydrogen																	★ 2 He helium
■ 3 Li lithium	■ 4 Be beryllium											▼ 5 B boron	★ 6 C carbon	★ 7 N nitrogen	★ 8 O oxygen	★ 9 F fluorine	★ 10 Ne neon
■ 11 Na sodium	■ 12 Mg magnesium											■ 13 Al aluminum	▼ 14 Si silicon	▼ 15 P phosphorus	★ 16 S sulfur	★ 17 Cl chlorine	★ 18 Ar argon
■ 19 K potassium	■ 20 Ca calcium	■ 21 Sc scandium	■ 22 Ti Titanium	■ 23 V vanadium	■ 24 Cr chromium	■ 25 Mn manganese	■ 26 Fe iron	■ 27 Co cobalt	■ 28 Ni nickel	■ 29 Cu copper	■ 30 Zn zinc	■ 31 Ga gallium	▼ 32 Ge germanium	▼ 33 As arsenic	★ 34 Se selenium	★ 35 Br bromine	★ 36 Kr krypton
■ 37 Rb rubidium	■ 38 Sr strontium	■ 39 Y Yttrium	■ 40 Zr Zirconium	■ 41 Nb niobium	■ 42 Mo molybdenum	■ 43 Tc technetium	■ 44 Ru ruthenium	■ 45 Rh rhodium	■ 46 Pd palladium	■ 47 Ag silver	■ 48 Cd cadmium	■ 49 In indium	■ 50 Sn tin	▼ 51 Sb antimony	▼ 52 Te tellurium	★ 53 I iodine	★ 54 Xe xenon
■ 55 Cs cesium	■ 56 Ba barium	■ 71 Lu lutetium	■ 72 Hf hafnium	■ 73 Ta tantalum	■ 74 W tungsten	■ 75 Re rhenium	■ 76 Os osmium	■ 77 Ir iridium	■ 78 Pt platinum	■ 79 Au gold	■ 80 Hg mercury	■ 81 Tl thallium	■ 82 Pb lead	■ 83 Bi bismuth	▼ 84 Po polonium	★ 85 At astatine	★ 86 Rn radon
■ 87 Fr francium	■ 88 Ra radium	■ 103 Lr lawrencium	■ 104 Rf rutherfordium	■ 105 Db dubnium	■ 106 Sg seaborgium	■ 107 Bh bohrium	■ 108 Hs hassium	■ 109 Mt meitnerium									

★ 1 — atomic number
H — symbol
hydrogen — name





■ 57 La lanthanum	■ 58 Ce cerium	■ 59 Pr praseodymium	■ 60 Nd neodymium	■ 61 Pm promethium	■ 62 Sm samarium	■ 63 Eu europium	■ 64 Gd gadolinium	■ 65 Tb terbium	■ 66 Dy dysprosium	■ 67 Ho holmium	■ 68 Er erbium	■ 69 Tm thulium	■ 70 Yb ytterbium
■ 89 Ac actinium	■ 90 Th thorium	■ 91 Pa protactinium	■ 92 U uranium	■ 93 Np neptunium	■ 94 Pu plutonium	■ 95 Am americium	■ 96 Cm curium	■ 97 Bk berkelium	■ 98 Cf californium	■ 99 Es einsteinium	■ 100 Fm fermium	■ 101 Md mendelevium	■ 102 No nobelium