

THE PERIODIC TABLE

Revealing the beautiful harmony of God's handiwork

This Periodic Table displays 42 elements. They are organized in vertical **groups** and horizontal **periods**. In all, there are 92 elements found in creation.

KEY

1	← atomic number
H	← symbol of element
hydrogen	← name of element

Periodic Table of Atomic Elements (partial)

group ↓	1 H hydrogen	group ↓	2 He helium					
period →	3 Li lithium	4 Be beryllium	5 B boron	6 C carbon	7 N nitrogen	8 O oxygen	9 F fluorine	10 Ne neon
period →	11 Na sodium	12 Mg magnesium	13 Al aluminum*	14 Si silicon	15 P phosphorus	16 S sulfur	17 Cl chlorine	18 Ar argon
period →	19 K potassium	20 Ca calcium	31 Ga gallium	32 Ge germanium	33 As arsenic	34 Se selenium	35 Br bromine	36 Kr krypton
period →	37 Rb rubidium	38 Sr strontium	49 In indium	50 Sn tin	51 Sb antimony	52 Te tellurium	53 I iodine	54 Xe xenon
period →	55 Cs cesium	56 Ba barium	81 Tl thallium	82 Pb lead	83 Bi bismuth	84 Po polonium	85 At astatine	86 Rn radon

Alkali Metals

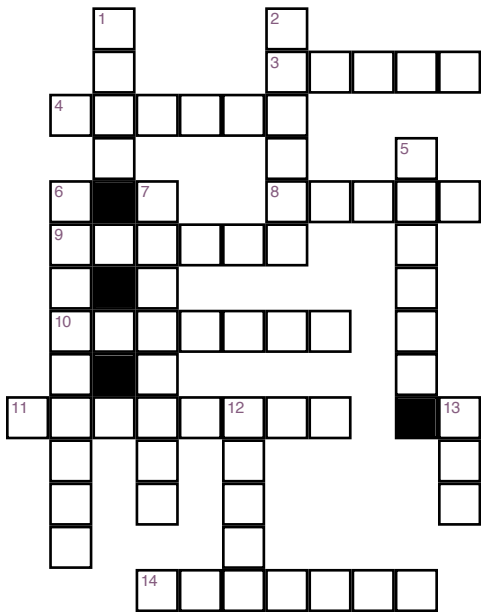
Alkaline Earths

* In Great Britain this is spelled aluminium and pronounced al - you - MIN - ee - um.

- metals
- non-metals
- Noble Gases (non-metals)

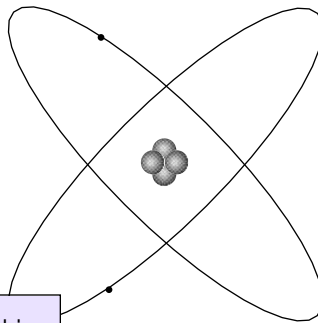
Halogens

Noble Gases



CROSSWORD

The words used in the CROSSWORD are taken from the article found in CREATOR Volume 12 Number 1.



helium atom
(its nucleus has
2 protons &
2 neutrons)

Answers to CROSSWORD found in
kids' kreation #50
Down: 1. CONES 2. OPTIC 3. WHITE
5. TEARS 7. CELLS
Across: 3. WEPT 4. ELECTRICITY
6. MUSCLES 7. COLORS
8. DAY 9. IRIS

Down

- The symbol for the element _____ is **Fe**.
- The "lead" of a pencil is not made of lead (**Pb**) but _____ (**C**).
- Eighty percent of all elements are _____.
- _____ are chemicals made of two or more elements which God glued together.
- The Lord Jesus created water using the elements _____ (**H**) and oxygen (**O**).
- The Periodic _____ shows the special harmony of the elements.
- Helium (**He**) has two protons in its nucleus. Its atomic number is _____.

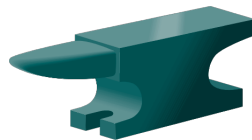
Across

- God invented 92 different kinds of _____.
- The melting point of _____ (**Cu**) is 1981° F. or 1083° C.
- "Dominion and awe belong to God; He establishes _____ in the heights of heaven" (Job 25:2 NIV).
- Twenty percent of the air we breathe is _____ gas.
- The horizontal rows in the Periodic Table are called "_____."
- The coiled wire (filament) inside a light bulb is made of the metal _____ (**W**).
- If a substance is composed of the same type of atom, its known as an _____.

Use the Periodic Table on the other side to find the name of the element below.

- Al aluminum (aluminium)
Cl _____
Na _____
S _____
As _____
Rn _____
Si _____

NAME THAT ELEMENT

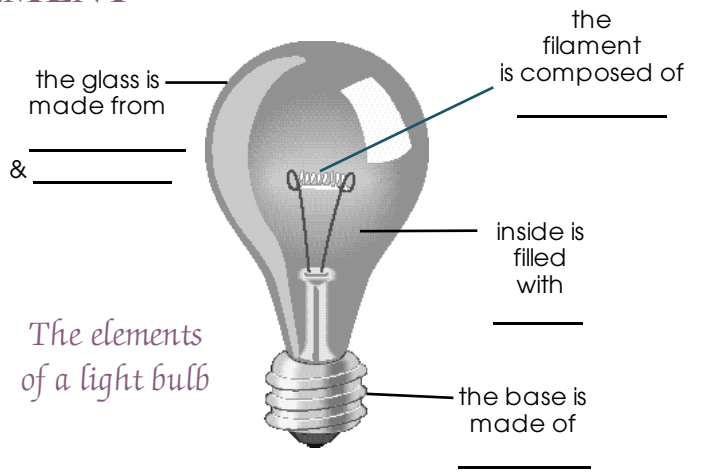


What's this anvil made of?

- Al aluminum
- (aluminium)
- Cl chlorine
- Na sodium
- S sulfur
- As arsenic
- Rn radon
- Si silicon



What's this penny made of?



The elements of a light bulb

see page 4 of CREATOR 12-1 for answers