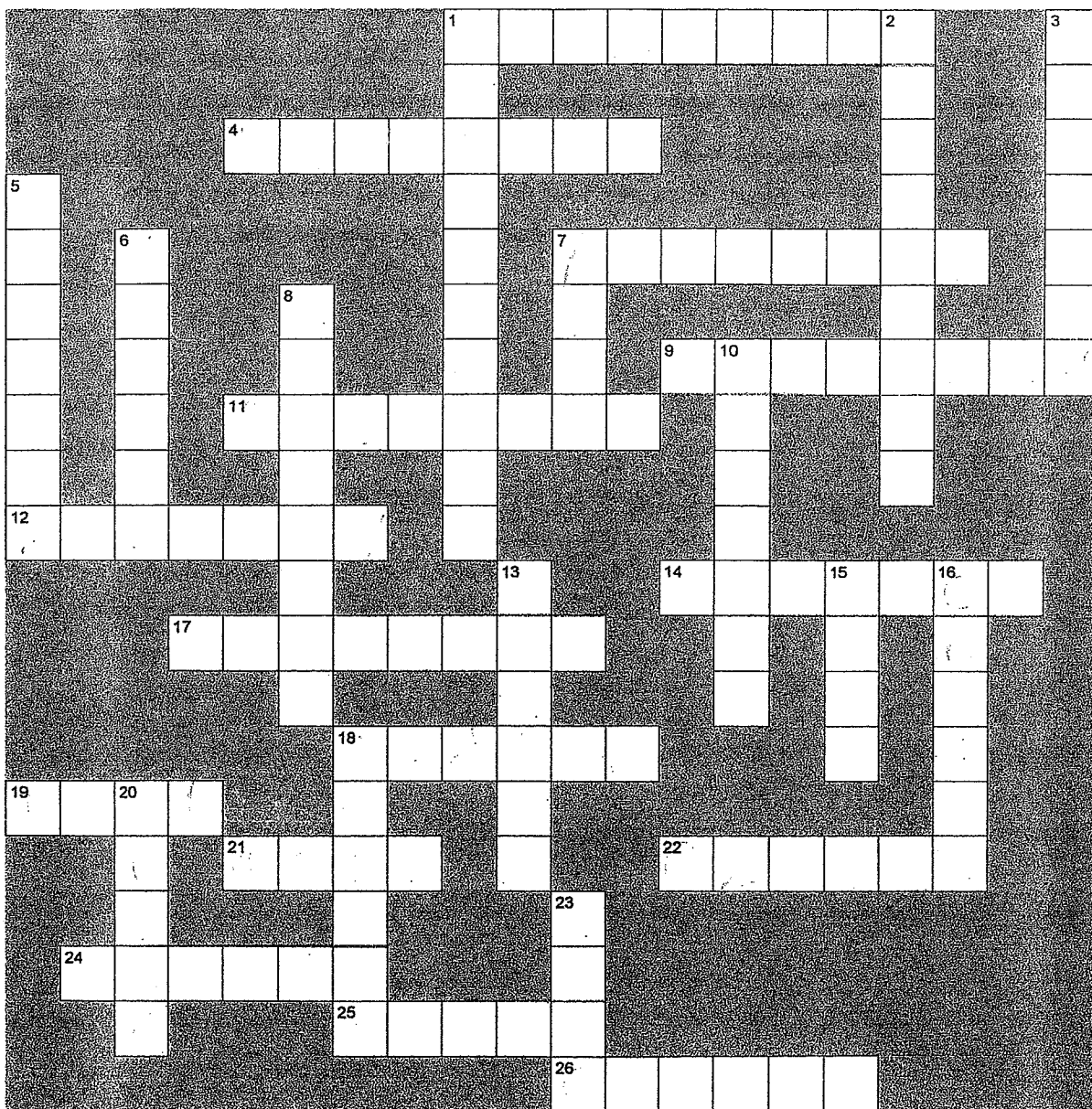


Elemental Facts



Across

1. highly reactive metal that is used in fertilizer, fireworks, and in low-sodium salt substitute
4. the most abundant element in the universe
7. makes up the majority of Earth's atmosphere
9. this silvery metal is the most abundant metal in the Earth's crust
11. this member of the halogen group is used to fight tooth decay
12. the only metal that is a liquid at room temperature
14. 2nd most abundant element in Earth's crust, forms an oxide found in sand and quartz
17. gray metal that has the highest melting point of all metals at over 1650 degrees Celsius
18. soft, silvery metal whose most common compound is ordinary table salt
19. no longer used in pencils and water pipes but is used in solder and ammunition
21. one of the most rare and expensive elements, the most malleable and ductile metal
22. this element can be in the form of graphite or diamond
24. purple nonmetal that is used in disinfectants and is added to table salt to prevent goiters
25. the heaviest known gas, poses a health risk and is believed to cause cancer
26. reddish-brown metal that is an excellent conductor and is used for wiring

Down

1. nonmetal that comes in a red form and a white form, used in matches and fertilizers
2. metallic element that burns bright white and is used in flares, fireworks, and light alloys
3. metallic element that is found in limestone, stalactites, stalagmites, bones, and seashells
5. found in the lower part of the table, important because of its use in nuclear reactors
6. spelled differently in England, yellow nonmetal that is found volcanoes, galena, and hot springs
7. this noble gas glows orange-red when electrified which makes it useful in signs
8. highly reactive, yellow-green gas, found in table salt, PVC pipe, and used in drinking water
10. solid, group 1 metal that is only about half as dense as water
13. very low density element that is the 2nd most abundant element in the universe
15. element with the most stable nucleus, main component of steel and hemoglobin
16. makes up about one fifth of Earth's atmosphere
18. metal with the best electrical and thermal conductivity
20. this noble gas is extremely unreactive and is used in light bulbs and
23. bluish-white metal that is used to protect steel with a thin coating called galvanizing

Symbols of Elements Used

Al	Ar	Ca	C	Zn
Cl	Cu	F	Au	Na
He	H	I	Fe	S
Pb	Li	Mg	Hg	W
Ne	N	O	P	U
K	Rn	Si	Ag	