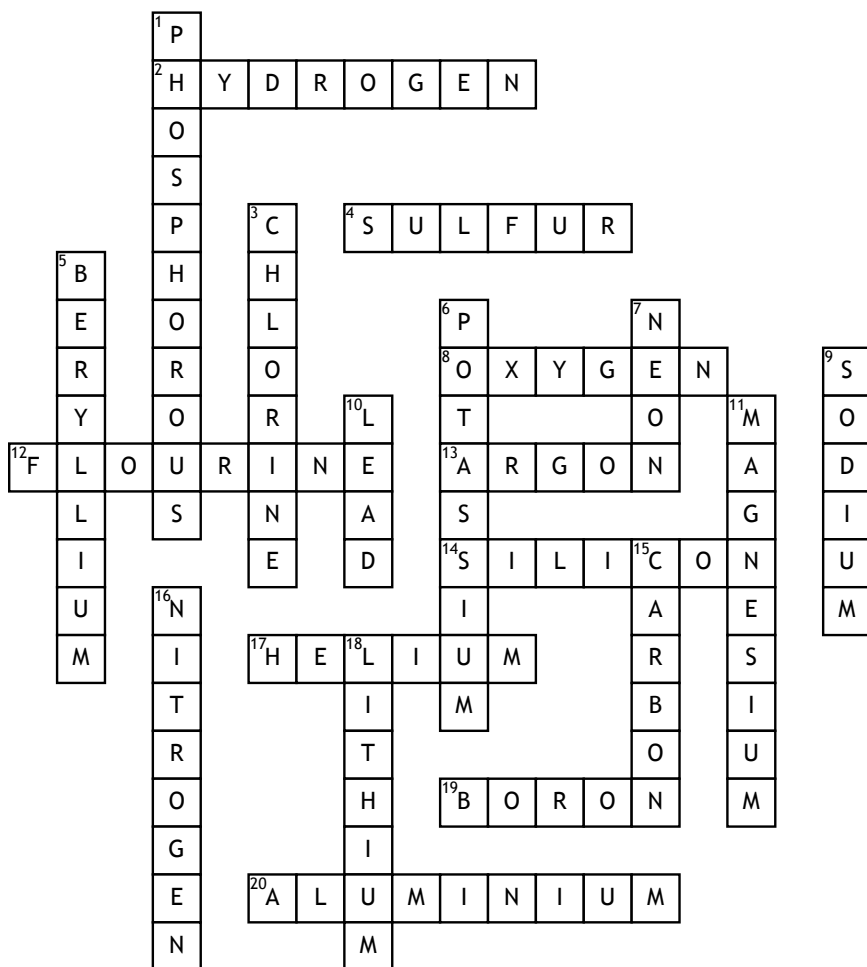


Name: _____

Date: _____

The First 20 Elements



Group	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
1	H																	He
2	Li	Be											B	C	N	O	F	Ne
3	Na	Mg											Al	Si	P	S	Cl	Ar
4	K	Ca	Sc	Ti	V	Cr	Mn	Fe	Co	Ni	Cu	Zn	Ga	Ge	As	Se	Br	Kr
5	Rb	Sr	Y	Zr	Nb	Mo	Tc	Ru	Rh	Pd	Ag	Cd	In	Sn	Sb	Te	I	Xe
6	Cs	Ba		Hf	Ta	W	Re	Os	Ir	Pt	Au	Hg	Tl	Pb	Bi	Po	At	Rn
7	Fr	Ra		Rf	Db	Sg	Bh	Hs	Mt	Ds	Rg	Cn	Uut	Uuq	Uub	Uus	Uuh	Uuo
Lanthanides			57 La	58 Ce	59 Pr	60 Nd	61 Pm	62 Sm	63 Eu	64 Gd	65 Tb	66 Dy	67 Ho	68 Er	69 Tm	70 Yb	71 Lu	
Actinides			89 Ac	90 Th	91 Pa	92 U	93 Np	94 Pu	95 Am	96 Cm	97 Bk	98 Cf	99 Es	100 Fm	101 Md	102 No	103 Lr	

Across

2. Burns with a squeaky pop

4. Smells like Rotorua (Rotten Eggs)

8. We need this to survive

12. Its added to our water to keep our teeth strong (not calcium).

13. Heavy nonreactive gas used in light bulbs

14. Element with the symbol Si

17. Makes balloons float in the air

19. Element with the chemical symbol B

20. Light metal used in kitchen foil

Down

1. Used on the top of matches

3. Used to keep swimming pools hygienic

5. The hardest element to spell.

6. Chemical symbol is K. It is found in bananas

7. Used in bright signs for advertising

9. Metal that reacts violently with water. One part of salt.

10. A very heavy metal used for fishing sinkers

11. A metal that when burnt glows brightly

15. _____dioxide is the gas that we breath out

16. Makes up 80% of the air we breath (not oxygen)

18. We find this metal in the majority of our phone batteries.