







Notesen L00794

3 Li

Littier

4

Be heylism

90

Th

148,90762

91

92

93

Np

The Periodic Table of the Elements

He Holison 4-065

10

Ne

F

6241	9.012112											13.811	12,0107	14,00674	15,0991	18,0984003	20.1707
11	12	1										13	14	15	16	17	18
Na	Mg											Al	Si	P	S	CI	Ar
500mm 22,590770	Magnorum 21, WAR											Aluminum 26. 931 938	SHOW TRUNKS	Hopkins 30.575360	5050 32,000	Chaise 19,4937	70.948
19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36
K	Ca	Se	Ti	V	Cr	Mn	Fe	Co	Ni	Cu	Zn	Ga	Ge	As	Se	Br	Kr
Principal 79.7983	41878	1000mm 44 99 9930	10mm 47.857	Yunefum 58 S&15	Chromen 51 9961	Magney 54 558049	904 95.645	066 98390000	Note: 100 No.	Coger 65 948	60.79	64.723	Occupanion 72 AC	Name To 90000	50mm 78.96	20 W.4	Singer 85.80
37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54
Rb	Sr	Y	Zr	Nb	Mo	Te	Ru	Rh	Pd	Ag	Cd	In	Sm	Sb	Te	1	Xe
\$5,4078	30 other 17.62	Vistari 98.00585	20mmin 91,224	Nothine 52,90636	95.94	Technoloss (201)	Selector 101.07	Dodge 102 96550	7/5/doi:00.100.42	30 m 107,4682	112.411	114,616	To. 118.710	221.700	3-Seture 127,60	Toler 126,98447	See. 131.29
55	55	57	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86
Cs Cs	55 Ba	La La	72 Hf	73 Ta	74 W	75 Re	76 Os	77 Ir	78 Pt	79 Au	Ng Hg	TI	82 Pb	Bi	84 Po	85 At	86 Rn
Cs				Ta		Re		Ir	Pt		0.4	TI	Pb			At	Rn
Cs	Ba	La	Hf	Ta	W	Re	Os	Ir	Pt	Au	Hg	TI		Bi	Po	At	Rn
Cs Color DESCRI	Ba 13327	La	Hf Notice 178.49	Ta	W 185.84	Re Stanton 186,200	Os 200,23	Ir 	Pt Parters PSSC78	Au DAI INC.NOSSS	Hg	TI 20-03133	Pb	Bi	Po	At	Rn
Cs 13236543 87	Ba 117,127 88	La 131,003	Hf Matrices 178,09 104	Ta 190,909 105	W 185.84 106	Re 196,200 107	Os 100,23 108	Ir Main MC217 109	Pt Parters PSSC78	Au DAI INC.NOSSS	Hg	TI 20-03133	Pb 272	Bi	Po	At	Rn
Cs Colors 132,26543 87 Fr Fractor	88 Ra	La 131,9081 89 Ac	Hf Sales 178.09 104 Rf Relectories	Ta Tender 110.0470 105 Db Ddeten	W 185.84 106 Sg	Re 50,200 107 Bh	Os 000.25 108 Hs	Ir 18(21) 109 Mt	Pt Parties pis.ch 110	Au 044 196 96535 111	Hg throng 200, 50 1112	TI 20-03133	Pb 272	Bi	Po	At	Rn
Cs Colors 132,26543 87 Fr Fractor	88 Ra	La 131,9081 89 Ac	Hf Sales 178.09 104 Rf Relectories	Ta Tender 110.0470 105 Db Ddeten	W 185.84 106 Sg	Re 50,200 107 Bh	Os 000.25 108 Hs	Ir 18(21) 109 Mt	Pt Parties pis.ch 110	Au 044 196 96535 111	Hg throng 200, 50 1112	TI 20-03133	Pb 272	Bi	Po	At	Rn
Cs Colors 132,26543 87 Fr Fractor	88 Ra	La 131,9081 89 Ac	Hf Sales 178.09 104 Rf Relectories	Ta Tenden 190.0470 105 Db District (262)	W 187.94 106 Sg	Re Stanton (80.200 107 Bh States (202)	Os 0-mine 190.23 108 Hs Fauton (200)	Ir Indian 100217 109 Mt Melantian (2010)	Pt Pleases 985,078 1119	Au (272)	Hg strong 300 59 112	TI Today 20000 113	Pb 5012 114	Bi beach 200.04018	Po Policina (200)	A1 (210)	Rn tain (212)

95

Am

Pu

(246)

96

Cm

(247)

97

Bk

Delotue

CHECK

58

Cf

Es

(150)

100

Fm

101

Md

(238)

113.64

102

No

(2.99)

174,967

103

Lr

annest lan

(268)







Why potassium?

- It is simple (like a noble gas and an electron)
- Since it is simple, theory is good
- Potassium has not been studied as much as the other alkalis

	The Periodic Table of the Elements																
	H. Bertine															He	
	3 4 Li Be											5 B	6 C	7 N Simps 11,00071	8 O Segan ISONO	9 F //www.	10 Ne 301700
	11 12 Na Mg											Al Al Aleman N. 1911 VIS	Si Si Since Since Since	P P Propose MASTICING	16 S sente	17 Cl Change PLECT?	Ar Ar
Alkali metals	19 20 Ca	Se Se	22 Ti	V V	Cr Cr	Mn Mn Magnes	26 Fe	27 Co	Ni Ni Nas Santa	Cu Cu Cugar 60340	30 Zn	31 Ga (atten- (41773	32 Ge	33 As Tu 5000	34 Se	35 Br	36 Kr
	38 Rb Sr		40 Zr 2024	41 Nb Notice \$2,0000	42 Mo	Te Te	44 Ru Selector 101,07	45 Rh Bodon 102 00550	46 Pd	47 Ag	48 Cd	49 In	50 Sm 75 118.710	51 Sb	52 Te	53 I 120,9840	54 Xe
	55 55 Cs Ba		72 Hf	73 Ta	74 W 185.94	75 Re	76 Os	77 Ir 186217	78 Pt	79 Au	80 Hg	81 T1 Turker 2043103	82 Pb 2012	83 Bi	Po	85 At	Rn
	Fr Ra	89 Ac	Rf	105 Db Ddreine (262)	106 Sg	107 Bh	108 Hs	Mt	119	111 am	112 am	113	114				
				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
				90 Th	91 Pa	92 U	93 Np	94 Pu	95 Am	96 Cm	198.51514 97 Bk	58 Cf	99 Es	100 Fm	101 Md	102 No	103 Lr
				Thorus 232,0061	Personners 210.00000	Transe 116.0219	Notestan (217)	Retries (241)	American (240)	Cartes (217)	(147)	California (251)	Enrichen (ESE)	(227)	Nashhvan (239)	279)	Lincolne (Mill)

- 1. Why do we study atoms?
- 2. What is atomic spectroscopy?
- 3. What is a frequency comb?
- 4. Why Potassium?
- 5. What have I done this summer?