L3-CHEMR





## Level 3 Chemistry, 2013

2.00 pm Tuesday 19 November 2013

RESOURCE SHEET for 91390, 91391, 91392

Refer to this sheet to answer the questions in your Question and Answer Booklets.

Check that this sheet is printed on the back.

YOU MAY KEEP THIS SHEET AT THE END OF THE EXAMINATION.

## L3-CHEMR

## PERIODIC TABLE OF THE ELEMENTS

a C	a 7	. o		r	∞.	ക				2			
18 2 He 4.0	10 Ne 20.2	18 Ar 40.0	36	Kr	83.8	54   Xe	131	98	Rn	222			
17	9 F 19.0	17 CI 35.5	35	Br	79.9	53 I	127	85	At	210			
16	8 <b>O</b> 16.0	16 S 32.1	34	Se	79.0	52 Te	128	84	Po	210	116	Lv	292
15	7 N 14.0	15 <b>P</b> 31.0	33	As	74.9	51 <b>Sb</b>	122	83	Bi	209			
14	6 C 12.0	14 <b>Si</b> 28.1	32	Ge	72.6	50 <b>Sn</b>	119	82	Pb	207	114	E	289
13	5 <b>B</b> 10.8	13 <b>AI</b> 27.0	31	Ca	69.7	49 <b>In</b>	115	81	П	204			
		12	30	Zn	65.4	48 C <b>d</b>	112	80	$_{ m Hg}$	201	112	Cn	277
		11	29	Cu	63.5	47 <b>Ag</b>	108	62	Au	197	1111	$R_{\mathbf{g}}$	272
mass		10	28	Z	58.7	46 <b>Pd</b>	106	78	Pt	195	110	Ds	271
Relative atomic mass		6	27	ပ္	58.9	45 <b>Rh</b>	103	77	Ir	192	109	Mt	268
Relativ		∞	26	Fe	55.9	44 <b>Ru</b>	101	92	Os	190	108	Hs	265
1 <b>H</b> 1.0		_	25	Mn	54.9	43 Tc	6.86	75	Re	186	107	Bh	264
umber	•	9	24	Cr	52.0	42 Mo	95.9		*		106	So	263
Atomic number		ζ.	23	>	50.9	41 <b>Nb</b>	92.9	73	Та	181	105	Dp	262
7		4	22	ij	47.9	40 <b>Zr</b>	91.2	72	Ht	179	104	Rf	261
		S.	21	Sc	45.0	39 Y	6.88	71	Lu	175	103	$\Gamma$ r	262
2	4 <b>Be</b> 9.0	12 <b>Mg</b> 24.3	20	Ca	40.1	38 Sr	9.78	99	Ba	137	88	Ra	226
I	3 Li 6.9	11 Na 23.0	19	¥	-:	37 <b>Rb</b>	85.5	55	CS	133	87	Fr	223

57	58	59	09	61	62	63	64	65	99	29	89	69	70
Ľ	a Ce	Pr	Nd	Pm	Sm	Eu	Сd	Tp	Dy	Ho	Er	Tm	Vb
139	9 140	141	144	147	150	152	157	159	163	165	167	169	173
68	06	91	92	93	94	95	96	26	86	66	100	101	102
Ac		Pa	n	Np	Pu	Am	Cm	Bk	Cf	Es	Fm	Md	No
227	7 232	231	238	237	239	241	244	249	251	252	257	258	259