

L2-CHEMR



NEW ZEALAND QUALIFICATIONS AUTHORITY
MANA TOHU MĀTAURANGA O AOTEAROA

Level 2 Chemistry, 2008

2.00 pm Friday 28 November 2008

RESOURCE SHEET
for 90308, 90310, 90311

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.

L2-CHEMR

PERIODIC TABLE OF THE ELEMENTS

18

Atomic Number		Molar Mass/g mol ⁻¹																			
1		2																			
H		He																			
1.0		4.0																			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18				
3	4	11	12	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36
Li	Be	Na	Mg	K	Ca	Sc	Ti	V	Cr	Mn	Fe	Co	Ni	Cu	Zn	Ga	Ge	As	Se	Br	Kr
6.9	9.0	23.0	24.3	39.1	40.1	45.0	47.9	50.9	52.0	54.9	55.9	58.9	58.7	63.6	65.4	69.7	72.6	74.9	79.0	79.9	83.8
37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58
Rb	Sr	Y	Zr	Nb	Mo	Tc	Ru	Rh	Pd	Ag	Cd	In	Sn	Sb	Te	I	Xe	87	88	89	90
85.5	87.6	88.9	91.2	92.9	95.9	98.9	101	103	106	108	112	115	119	122	128	127	131	133	137	139	140
55	56	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90
Cs	Ba	Lu	Hf	Ta	W	Re	Os	Ir	Pt	Au	Hg	Tl	Pb	Bi	Po	At	Rn	Fr	Ra	Ac	Th
133	137	175	179	181	184	186	190	192	195	197	201	204	207	209	210	210	222	223	226	227	232
87	88	103	104	105	106	107	108	109	262	263	262	261	262	261	262	261	262	223	226	227	232
Fr	Ra	Lr	Rf	Db	Sg	Bh	Hs	Mt	268	268	265	265	268	264	264	265	268	223	226	227	232

Lanthanide Series	57	58	59	60	61	62	63	64	65	66	67	68	69	70
	La	Ce	Pr	Nd	Pm	Sm	Eu	Gd	Tb	Dy	Ho	Er	Tm	Yb
	139	140	141	144	147	150	152	157	159	163	165	167	169	173
Actinide Series	89	90	91	92	93	94	95	96	97	98	99	100	101	102
	Ac	Th	Pa	U	Np	Pu	Am	Cm	Bk	Cf	Es	Fm	Md	No
	227	232	231	238	237	239	241	244	249	251	252	257	258	259