

L2-CHEMR



NEW ZEALAND QUALIFICATIONS AUTHORITY
MANA TOHU MĀTAURANGA O AOTEAROA

QUALIFY FOR THE FUTURE WORLD
KIA NOHO TAKATŪ KI TŌ ĀMUA AO!

Level 2 Chemistry, 2017

2.00 p.m. Thursday 16 November 2017

RESOURCE SHEET for 91164, 91165, 91166

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.

PERIODIC TABLE OF THE ELEMENTS

		Atomic number																Molar mass / g mol ⁻¹	
		1																2	
		H																He	
		1.0																4.0	
1	2																	18	
3	4	Li	Be															9	10
6.9	9.0																	F	Ne
11	12	Na	Mg															17	18
23.0	24.3																	Cl	Ar
19	20	K	Ca	3	4	5	6	7	8	9	10	11	12					35	36
39.1	40.1			21	22	23	24	25	26	27	28	29	30	31	32	33	34	Br	Kr
		Sc	Ti	V	Cr	Mn	Fe	Co	Ni	Cu	Zn					As	Se	79.9	83.8
37	38	Rb	Sr	Y	Zr	Nb	Mo	Tc	Ru	Rh	Pd	Ag	Cd	In	Sn	Sb	Te	127	131
85.5	87.6			88.9	91.2	92.9	95.9	98.9	101	103	106	108	112	115	119	122	128	I	Xe
55	56	Cs	Ba	Lu	Hf	Ta	W	Re	Os	Ir	Pt	Au	Hg	Tl	Pb	Bi	Po	210	222
133	137			175	179	181	184	186	190	192	195	197	201	204	207	209	210	At	Rn
87	88	Fr	Ra	Lr	Rf	Db	Sg	Bh	Hs	Mt	Ds	Rg	Cn	Nh	Fl	Mc	Lv	117	118
223	226			262	261	262	263	264	265	268	271	272	277					Ts	Og

Lanthanide Series	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
	139		140		141		144		147		150		152		157		159		163		165		167		169		173	
Actinide Series	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
	227		232		231		238		237		239		241		244		249		251		252		257		258		259	