

**OXFORD CAMBRIDGE AND RSA EXAMINATIONS
GCSE (9–1)
J248 01/02/03/04
CHEMISTRY A
(GATEWAY SCIENCE)
DATA SHEET (INSERT)
JUNE 2018
MODIFIED ENLARGED 36pt**

INSTRUCTIONS

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INFORMATION

**The information in this Data Sheet is for
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Chemistry A (J248 01/02/03/04).**



The Periodic Table of the Elements

(1)	(2)	Key											(3)	(4)	(5)	(6)	(7)	(8)																													
1		atomic number Symbol name relative atomic mass											18																																		
1	H	hydrogen	1.0												5	B	boron	10.8	13	6	C	carbon	12.0	7	N	nitrogen	14.0	8	O	oxygen	16.0	9	F	fluorine	19.0	10	Ne	neon	20.2								
3	Li	lithium	6.9	4	Be	beryllium	9.0												13	Al	aluminium	27.0	14	Si	silicon	28.1	15	P	phosphorus	31.0	16	S	sulfur	32.1	17	Cl	chlorine	35.5	18	Ar	argon	39.9					
11	Na	sodium	23.0	12	Mg	magnesium	24.3												31	Ga	gallium	69.7	32	Ge	germanium	72.6	33	As	arsenic	74.9	34	Se	selenium	79.0	35	Br	bromine	79.9	36	Kr	krypton	83.8					
19	K	potassium	39.1	20	Ca	calcium	40.1	21	Sc	scandium	45.0	22	Ti	titanium	47.9	23	V	vanadium	50.9	24	Cr	chromium	52.0	25	Mn	manganese	54.9	26	Fe	iron	55.8	27	Co	cobalt	58.9	28	Ni	nickel	58.7	29	Cu	copper	63.5	30	Zn	zinc	65.4
37	Rb	rubidium	85.5	38	Sr	strontium	87.6	39	Y	yttrium	88.9	40	Zr	zirconium	91.2	41	Nb	niobium	92.9	42	Mo	molybdenum	95.9	43	Tc	technetium		44	Ru	ruthenium	101.1	45	Rh	rhodium	102.9	46	Pd	palladium	106.4	47	Ag	silver	107.9	48	Cd	cadmium	112.4
55	Cs	caesium	132.9	56	Ba	barium	137.3	● 57–71		lanthanoids		72	Hf	hafnium	178.5	73	Ta	tantalum	180.9	74	W	tungsten	183.8	75	Re	rhenium	186.2	76	Os	osmium	190.2	77	Ir	iridium	192.2	78	Pt	platinum	195.1	79	Au	gold	197.0	80	Hg	mercury	200.6
87	Fr	francium		88	Ra	radium		● 89–103		actinoids		104	Rf	rutherfordium		105	Db	dubnium		106	Sg	seaborgium		107	Bh	bohrium		108	Hs	hassium		109	Mt	meitnerium		110	Ds	darmstadtium		111	Rg	roentgenium		112	Cn	copernicium	

ELEMENTS LISTED IN NUMERICAL ORDER:

1	Hydrogen	H
2	Helium	He
3	Lithium	Li
4	Beryllium	Be
5	Boron	B
6	Carbon	C
7	Nitrogen	N
8	Oxygen	O
9	Fluorine	F
10	Neon	Ne
11	Sodium	Na
12	Magnesium	Mg
13	Aluminium	Al
14	Silicon	Si
15	Phosphorus	P
16	Sulfur	S
17	Chlorine	Cl
18	Argon	Ar
19	Potassium	K
20	Calcium	Ca
21	Scandium	Sc
22	Titanium	Ti
23	Vanadium	V
24	Chromium	Cr
25	Manganese	Mn

26	Iron	Fe
27	Cobalt	Co
28	Nickel	Ni
29	Copper	Cu
30	Zinc	Zn
31	Gallium	Ga
32	Germanium	Ge
33	Arsenic	As
34	Selenium	Se
35	Bromine	Br
36	Krypton	Kr
37	Rubidium	Rb
38	Strontium	Sr
39	Yttrium	Y
40	Zirconium	Zr
41	Niobium	Nb
42	Molybdenum	Mo
43	Technetium	Tc
44	Ruthenium	Ru
45	Rhodium	Rh
46	Palladium	Pd
47	Silver	Ag
48	Cadmium	Cd
49	Indium	In
50	Tin	Sn
51	Antimony	Sb
52	Tellurium	Te
53	Iodine	I

54	Xenon	Xe
55	Caesium	Cs
56	Barium	Ba
72	Hafnium	Hf
73	Tantalum	Ta
74	Tungsten	W
75	Rhenium	Re
76	Osmium	Os
77	Iridium	Ir
78	Platinum	Pt
79	Gold	Au
80	Mercury	Hg
81	Thallium	Tl
82	Lead	Pb
83	Bismuth	Bi
84	Polonium	Po
85	Astatine	At
86	Radon	Rn
87	Francium	Fr
88	Radium	Ra
104	Rutherfordium	Rf
105	Dubnium	Db
106	Seaborgium	Sg
107	Bohrium	Bh
108	Hassium	Hs
109	Meitnerium	Mt
110	Darmstadtium	Ds
111	Roentgenium	Rg

112	Copernicium	Cn
114	Flerovium	Fl
116	Livermorium	Lv

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