

Oxid Numbers Worksheet.



SaitechAI

Here's the revised worksheet with question numbers included. This will help in referencing and discussing specific questions more efficiently.

Worksheet: Determine the Oxidation Number

No. Compound Element for which to find Oxidation Number Oxidation Number

1	HCl	Cl
2	HF	F
3	NaOH	O
4	HI	I
5	UH ₃	U
6	NH ₄ ⁺	N
7	PH ₃	P
8	H ₂ SF ₆	S
9	NH ₃	N
10	AsH ₃	As
11	ScH ₃	Sc
12	HPF ₄	P
13	Co(ClO) ₂	Co
14	Na ₂ O ₂	O
15	CoCrO ₄	Cr
16	AgNO ₃	Ag
17	Mg(OH) ₂	Mg
18	H ₂ SO ₄	S
19	RbO ₂	O
20	KMnO ₄	Mn
21	NH ₄ OH	N
22	OF ₂	F
23	IO ₃ ⁻	I
24	KO ₂	O
25	K ₂ Cr ₂ O ₇	Cr
26	IO ₂ ⁻	I
27	BrO ₂ ⁻	Br
28	Zn(NO ₂) ₂	Zn
29	KIO ₃	I
30	CaH ₂	Ca

Key: Oxidation Numbers

Page 2

No. Compound Element Oxidation Number

1	HCl	Cl	-1
2	HF	F	-1
3	NaOH	O	-2
4	HI	I	-1
5	UH ₃	U	+3
6	NH ₄ ⁺	N	-3
7	PH ₃	P	-3
8	H ₂ SF ₆	S	+6
9	NH ₃	N	-3
10	AsH ₃	As	-3
11	ScH ₃	Sc	+3
12	HPF ₄	P	+5
13	Co(ClO) ₂	Co	+2
14	Na ₂ O ₂	O	-1
15	CoCrO ₄	Cr	+6
16	AgNO ₃	Ag	+1
17	Mg(OH) ₂	Mg	+2
18	H ₂ SO ₄	S	+6
19	RbO ₂	O	-1
20	KMnO ₄	Mn	+7
21	NH ₄ OH	N	-3
22	OF ₂	F	-1
23	IO ₃ ⁻	I	+5
24	KO ₂	O	-½
25	K ₂ Cr ₂ O ₇	Cr	+6
26	IO ₂ ⁻	I	+4
27	BrO ₂ ⁻	Br	+4
28	Zn(NO ₂) ₂	Zn	+2
29	KIO ₃	I	+5
30	CaH ₂	Ca	+2

This worksheet layout is structured to facilitate easy understanding and practice of determining oxidation numbers, while the separate key page allows for self-assessment without immediately revealing the answers.