

Answer guide

iron(II) sulfate	FeSO_4	potassium permanganate	KMnO_4
calcium carbonate	CaCO_3	iron(III) fluoride	FeF_3
copper(II) hydroxide	Cu(OH)_2	propane	C_3H_8
mercury(II) bromide	HgBr_2	cobalt(II) sulfide	CoS
copper(I) chlorite	CuClO_2	gold(III) bromide	AuBr_3
potassium chromate	K_2CrO_4	nickel(III) nitrate	$\text{Ni(NO}_3)_3$
manganese(II) oxide	MnO	manganese(IV) oxide	MnO_2
hydrogen fluoride	HF	iodine pentafluoride	IF_5
hydrogen peroxide	H_2O_2	sulfur trioxide	SO_3
phosphorus pentachloride	PCl_5	lithium nitride	Li_3N
aluminum oxide	Al_2O_3	lead(II) sulfate	PbSO_4
magnesium perchlorate	$\text{Mg(ClO}_4)_2$	magnesium phosphate	$\text{Mg}_3(\text{PO}_4)_2$
tin(II) chloride	SnCl_2	sodium oxalate	$\text{Na}_2\text{C}_2\text{O}_4$
lithium hydride	LiH	potassium hydrogen sulfite	KHSO_3
ammonium cyanide	NH_4CN	silver acetate	AgCH_3COO
lead(II) carbonate	PbCO_3	tin(IV) chloride	SnCl_4
sodium nitrite	NaNO_2	barium acetate	$\text{Ba(CH}_3\text{COO)}_2$
silver thiosulfate	$\text{Ag}_2\text{S}_2\text{O}_3$	nitrogen triiodide	NI_3
gold(I) iodide	AuI	nickel(III) phosphate	NiPO_4
calcium hypochlorite	Ca(ClO)_2	zinc chlorate	$\text{Zn(ClO}_3)_2$
copper(I) chlorate	CuClO_3	sodium dihydrogen phosphate	NaH_2PO_4
ammonium oxalate	$(\text{NH}_4)_2\text{C}_2\text{O}_4$	ammonium arsenate	$(\text{NH}_4)_3\text{AsO}_4$
chromium(III) perchlorate	$\text{Cr(ClO}_4)_3$	silicon dioxide	SiO_2
cobalt(III) thiosulfate	$\text{Co}_2(\text{S}_2\text{O}_3)_3$	zinc nitrate	$\text{Zn(NO}_3)_2$
diselenium hexasulfide	Se_2S_6	carbon monoxide	CO
potassium dihydrogen arsenate	KH_2AsO_4	carbon tetrachloride	CCl_4
sodium hypochlorite	NaClO	lithium hydrogen phosphate	Li_2HPO_4
calcium hydride	CaH_2	barium hydroxide	Ba(OH)_2
aluminum hydroxide	Al(OH)_3	sodium hydrogen carbonate	NaHCO_3
iron(III) sulfide	Fe_2S_3	ozone	O_3
uranium(II) sulfate	USO_4	arsenic tribromide	AsBr_3

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NaClO_3	sodium chlorate	UBr_4	uranium(IV) bromide
$\text{Mg}(\text{ClO}_2)_2$	magnesium chlorite	UO	uranium(II) oxide
AlN	aluminum nitride	$\text{Al}_2(\text{SO}_4)_3$	aluminum sulfate
Ag_2CO_3	silver carbonate	NH_4I	ammonium iodide
NiS_2O_3	nickel(II) thiosulfate	Ag_2SO_4	silver sulfate
$\text{Cu}(\text{OH})_2$	copper(II) hydroxide	$\text{Ca}_3(\text{PO}_4)_2$	calcium phosphate
$\text{Au}(\text{NO}_3)_3$	gold(III) nitrate	Li_2CO_3	lithium carbonate
Na_2CrO_4	sodium chromate	$(\text{NH}_4)_2\text{C}_2\text{O}_4$	ammonium oxalate
$\text{Ba}(\text{ClO})_2$	barium hypochlorite	$\text{Cu}(\text{CN})_2$	copper(II) cyanide
$\text{Ba}(\text{MnO}_4)_2$	barium permanganate	KClO_2	potassium chlorite
MgH_2	magnesium hydride	$\text{Ca}(\text{HCO}_3)_2$	calcium hydrogen carbonate
ClF_3	chlorine trifluoride	CSe_2	carbon diselenide
CH_4	methane	CrS	chromium(II) sulfide
FeAsO_4	iron(III) arsenate	CrI_3	chromium(III) iodide
CuCl	copper(I) chloride	HgCl_2	mercury(II) chloride
PbSO_3	lead(II) sulfite	FeSe	iron(II) selenide
Cr_2O_3	chromium(III) oxide	$\text{Cu}(\text{CH}_3\text{COO})_2$	copper(II) acetate
$\text{Co}(\text{NO}_3)_2$	cobalt(II) nitrate	SnCl_2	tin(II) chloride
PbO_2	lead(IV) oxide	SnF_4	tin(IV) fluoride
CoS	cobalt(II) sulfide	HBr	hydrogen bromide
HgSO_3	mercury(II) sulfite	HI	hydrogen iodide
NaClO_3	sodium chlorate	HCl	hydrogen chloride
AuCN	gold(I) cyanide	$\text{Zn}(\text{MnO}_4)_2$	zinc permanganate
CO_2	carbon dioxide	KCN	potassium cyanide
SiF_4	silicon tetrafluoride	KHSO_4	potassium hydrogen sulfate
NH_3	ammonia	MnC_2O_4	manganese(II) oxalate
NaNO_2	sodium nitrite	AgClO_4	silver perchlorate
$\text{Ni}(\text{NO}_3)_3$	nickel(III) nitrate	Zn_3P_2	zinc phosphide
KHCO_3	potassium hydrogen carbonate	NaHSO_4	sodium hydrogen sulfate
$\text{NH}_4\text{H}_2\text{PO}_4$	ammonium dihydrogen phosphate	Li_2HPO_4	lithium hydrogen phosphate
$\text{Ni}_3(\text{PO}_4)_2$	nickel(II) phosphate	K_2CrO_4	potassium chromate
$\text{Mn}(\text{CH}_3\text{COO})_3$	manganese(III) acetate	$\text{Li}_2\text{S}_2\text{O}_3$	lithium thiosulfate
$\text{Ca}(\text{NO}_2)_2$	calcium nitrite	As_2I_4	diarsenic tetraiodide
$\text{Ca}(\text{ClO})_2$	calcium hypochlorite	ZnBr_2	zinc bromide
AgClO_4	silver perchlorate	PCl_3	phosphorus trichloride
SF_6	sulfur hexafluoride	C_4H_{10}	butane