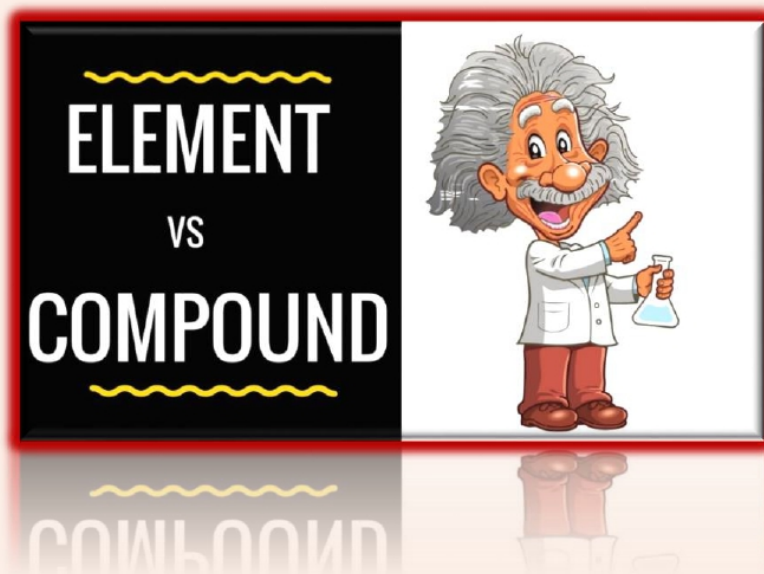


Categorize Elements and Compounds

Iron, Potassium Carbonate, Aluminum, Carbon, Silica, Uranium, Plaster of paris, Chalk, Silver, Common salt, Calcium Oxide, Sodium Sulphate, Carbon Dioxide, Copper, Cane sugar

ELEMENTS	COMPOUNDS



Categorize Metals, Non-Metals and Metalloids

Lithium (Li), Potassium (K), Carbon (C), Barium (Ba), Boron (B), Ruthenium (Ru), Nitrogen (N), Oxygen (O), Tellurium (Te), Aluminum (Al), Fluorine (F), Bromine (Br), Antimony (Sb), Tin (Sn), Iodine (I), Phosphorus (P), Germanium (Ge), Neon (Ne), Gold (Au), Sulphur (S), Gallium (Ga), Arsenic (As), Silicon (Si), Cesium (Cs), Chlorine (Cl), Scandium (Sc)

METALS	NON-METALS	METALLOIDS



Categorize Solid, Liquid and Gas

Helium (He), argon (Ar), hydrogen (H), fluorine (F), radon (Rn), xenon (Xe), bromine (Br), mercury (Hg), oxygen (O), Lithium (Li), Carbon (C), Sodium (Na), Magnesium (Mg), neon (Ne), Aluminum (Al), Silicon (Si), Phosphorous (P), krypton (Kr), Sulphur (S), Calcium (Ca), chlorine (Cl), Zinc(Zn)

SOLID	LIQUID	GAS



Categorize Physical and Chemical Changes

Glowing of a bulb, Burning of wood, Burning of a sugar, Heating of water, Respiration in living beings, Growing of piglet into a pig, Passing electric current through a heater rod, Water cycle is nature, Cutting wood into small pieces, Shaping a piece of glass, Boiling of an egg, Heating a mixture of iron filings and Sulphur, Mixing oil with water, Photosynthesis, Digestion of food, Milk turning sour, Melting of wax, Slaking of lime, Energy produced dissolving sugar in water, Glowing of bulb

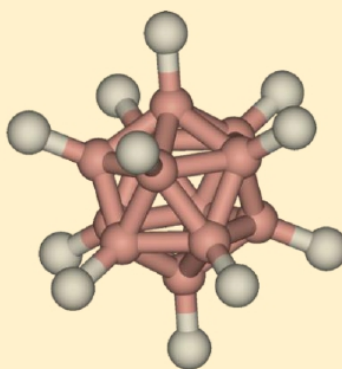
PHYSICAL CHANGE	CHEMICAL CHANGE



Correct Mistakes - I

Correct mistakes if any in symbols and valence for the radicals.

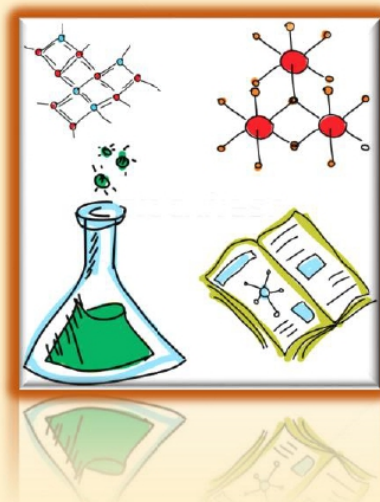
RADICAL	SYMBOL and VALENCE
carbonate	CO^{2-}
oxide	O^2
aluminum ion	Al
bisulphate	SO^-
magnesium ion	Mg^{2+}
ammonium	NH^+
nitrate	NO_3
Boron	B^3
Chlorate	ClO^-
Hydrogen	H
carbonate	CO^{2-}
oxide	O^2



Correct Mistakes - II

Correct mistakes if any in symbols and valence for the radicals.

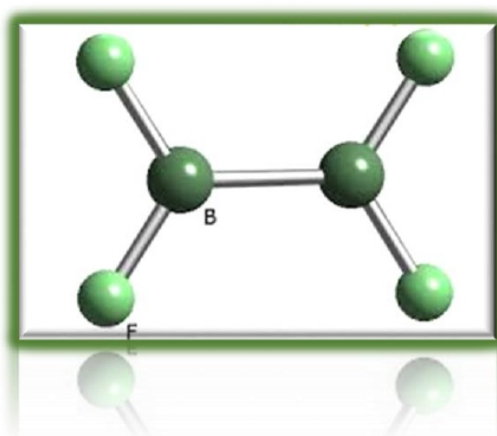
RADICAL	SYMBOL and VALENCE
Ferrous	Fe^{1+}
Bicarbonate	CO^-
Barium	Ba^{2-}
Phosphide	P^-
Nitride	N^3
Tin	Sn^+
Gold	Au^{2-}
Cupric	Cu^+
Sulphite	SO^{2-}
Zinc	Zn^2



CHEMICAL ELEMENTS - SPELL WORDS

Correct the spelling of a Chemical Element.

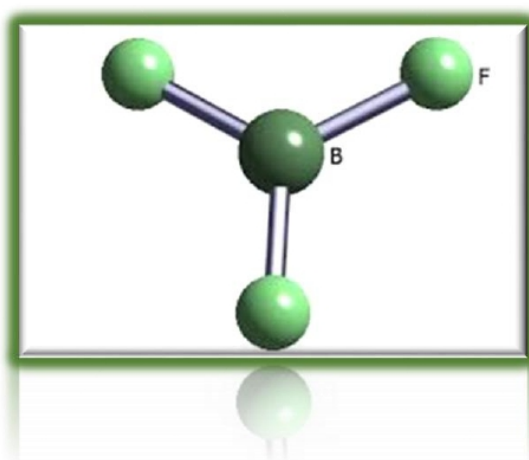
S.No.	INCORRECT	CORRECT
1	OYXENG	
2	ONDAR	
3	ORYGENHD	
4	MUNIALUM	
5	ONBRO	
6	MUNURAI	
7	MITYURT	
8	MSUOID	
9	NSOICLI	
10	SPUHROSHP	
11	EFNLIURO	
12	MAUPIRLI	
13	NCOABR	
14	MHUAIFN	
15	MHUEIL	



CHEMICAL ELEMENTS - SPELL WORDS

Correct the spelling of a Chemical Element.

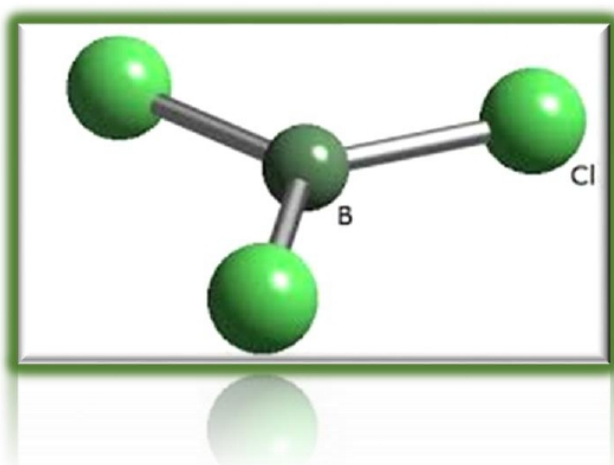
S.No.	INCORRECT	CORRECT
1	ECNHILRO	
2	MLUIITH	
3	MCUEIR	
4	MTUNIOR	
5	RSUUHLP	
6	MSUCIADN	
7	MMUAIGSEE	
8	NIOR	
9	NNOE	
10	MCUAIDM	
11	CAIRNSE	
12	RCEOPP	
13	NPUOITSAS	
14	RSEIVL	
15	NNEIGTOR	



CHEMICAL ELEMENTS - SPELL WORDS

Correct the spelling of a Chemical Element.

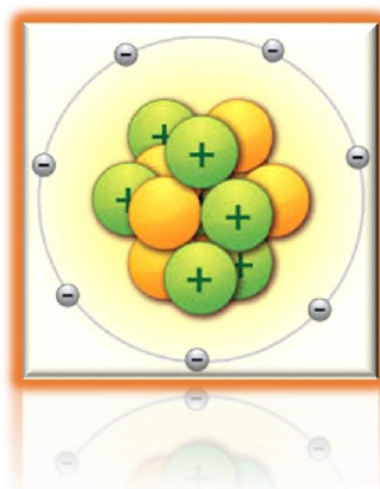
S.No.	INCORRECT	CORRECT
1	RSUUFL	
2	EBNRIOM	
3	MNAEEAGNS	
4	ATTNSAIE	
5	RDUAIM	
6	MRUYECR	
7	NIT	
8	POATNURTCIIM	
9	UAIMRNU	
10	CSUEIM	
11	OMUSIM	
12	REIMHNU	
13	GLUAIM	
14	TNSEUGTN	
15	BRLIMEYLU	



CHEMICAL ELEMENTS - SPELL WORDS

Correct the spelling of a Chemical Element.

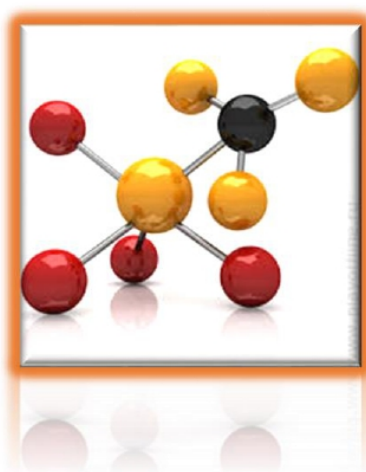
S.No.	INCORRECT	CORRECT
1	YENGOX	
2	NADRO	
3	HENGEDRY	
4	MUMINALU	
5	RONOB	
6	RIANUUM	
7	MYUTITR	
8	SDUOIM	
9	SNIOLCI	
10	PSHUORSOPH	
11	FELNUIOR	
12	AMPURIIL	
13	CNAORB	
14	HMAUFIN	
15	HMEULI	



CHEMICAL ELEMENTS - SPELL WORDS

Correct the spelling of a Chemical Element.

S.No.	INCORRECT	CORRECT
1	CEHNLIOR	
2	LMIUTHI	
3	CMEURI	
4	TMHUOIR	
5	SRUULHP	
6	SMCUAIND	
7	MMAUGINSE	
8	INRO	
9	NNEO	
10	CMAUDIM	
11	ACRISNE	
12	CROEPP	
13	PMOUTIASS	
14	SRIELV	
15	NNIETGRO	



CHEMICAL ELEMENTS - SPELL WORDS

Correct the spelling of a Chemical Element.

S.No.	INCORRECT	CORRECT
1	SRUULF	
2	BERNOIM	
3	GANNAESME	
4	ATITSNEA	
5	DIAUMR	
6	RCUEMRY	
7	ITN	
8	CTIATNIORUMP	
9	NIUARMU	
10	SIUECM	
11	MIUSOM	
12	ENIHRUM	
13	LIUAGM	
14	GSTNUENT	
15	YLLREIUBM	



CHEMICAL ELEMENTS - SPELL WORDS

Correct the spelling of a Chemical Element.

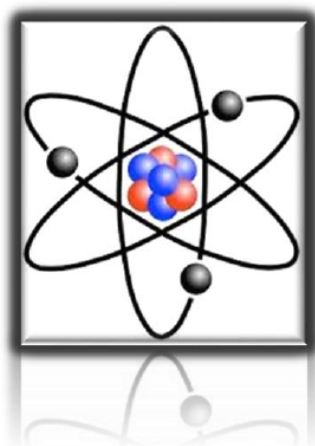
S.No.	INCORRECT	CORRECT
1	XENYOG	
2	RONDA	
3	DOGRENHY	
4	ALINUMUM	
5	BROON	
6	NURMUAI	
7	YTIMTRU	
8	DIUOSM	
9	LICISON	
10	PHOSORUHPS	
11	ORIULNEF	
12	ILIRPUMA	
13	RBOACN	
14	NIUFAMH	
15	LIUEHM	



CHEMICAL ELEMENTS - SPELL WORDS

Correct the spelling of a Chemical Element.

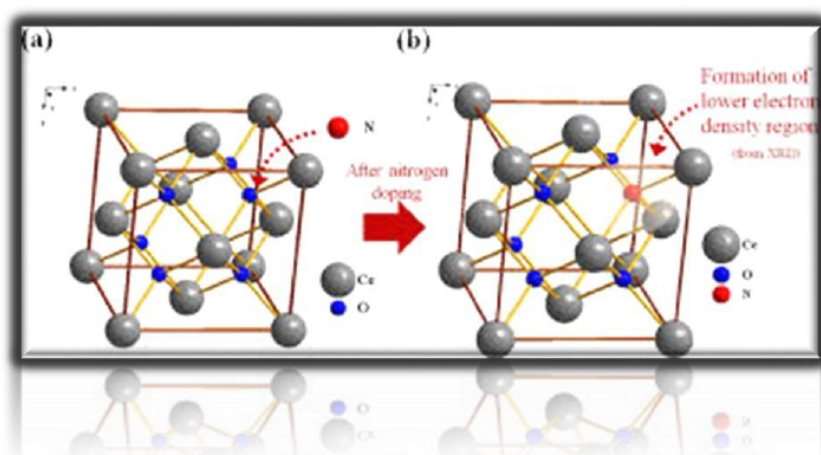
S.No.	INCORRECT	CORRECT
1	ORILHNEC	
2	HIUTIML	
3	RIUECM	
4	RIUOHMT	
5	LPHUSUR	
6	NDIACUMS	
7	NESGAIUMM	
8	IONR	
9	NONE	
10	CDIMAMU	
11	ASNCREI	
12	CPEOPR	
13	PTSIMOASU	
14	SLEIVR	
15	NTOEIRGN	



CHEMICAL ELEMENTS - SPELL WORDS

Correct the spelling of a Chemical Element.

S.No.	INCORRECT	CORRECT
1	SLUUFR	
2	BOIERMN	
3	EEANMSNGA	
4	EIASNTTA	
5	MIAUDR	
6	YURMRCE	
7	INT	
8	MIICTRUNTAOP	
9	MIAUUNR	
10	MIEUSC	
11	MISUMO	
12	MIERUNH	
13	MIAULG	
14	NTGUESNT	
15	MILRBULYE	



CHEMICAL ELEMENTS - SPELL WORDS

Correct the spelling of a Chemical Element.

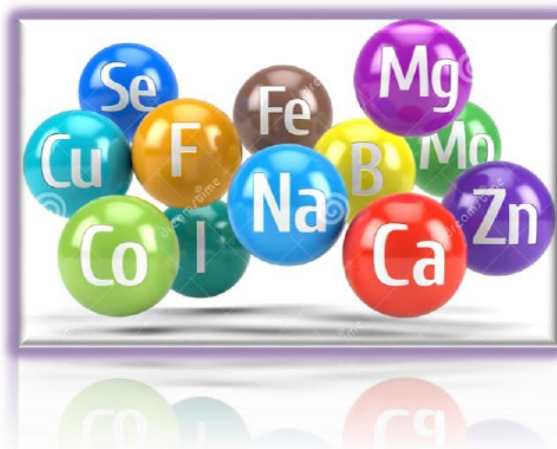
S.No.	INCORRECT	CORRECT
1	XENGOY	
2	DANRO	
3	GENODRYH	
4	NUMULIA	
5	NOORB	
6	AUMUNRI	
7	IRUTMTY	
8	MIOUDS	
9	SLCNIO	
10	POPOUSRHSH	
11	FURNLOIE	
12	ARLUPIIM	
13	CROABN	
14	HFIMANU	
15	HLUEIM	



CHEMICAL ELEMENTS - SPELL WORDS

Correct the spelling of a Chemical Element.

S.No.	INCORRECT	CORRECT
1	CLRNHOIE	
2	LTIMIHU	
3	CRUEIM	
4	TOIMHRU	
5	SLHRUPU	
6	SADUCNIM	
7	MGEIMANSU	
8	RONI	
9	EONN	
10	DMIACUM	
11	SENRAIC	
12	PPEOCR	
13	SSIATUMOP	
14	LVEISR	
15	ROGTIENN	



CHEMICAL ELEMENTS - SPELL WORDS

Correct the spelling of a Chemical Element.

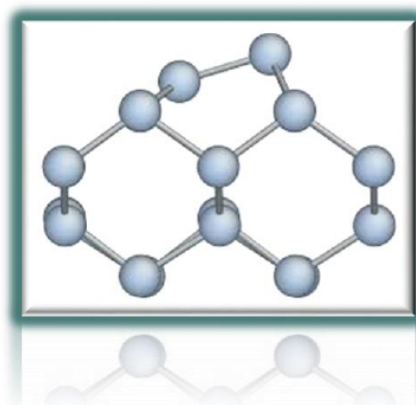
S.No.	INCORRECT	CORRECT
1	LFUUSR	
2	MINOREB	
3	MEASNEGNA	
4	AESNTIAT	
5	RMAUDI	
6	MYERRUC	
7	TNI	
8	PMRUOITNAICT	
9	UMRUAIN	
10	CMIES	
11	OMSUMI	
12	RMHUEIN	
13	GMAULI	
14	TNUENTGS	
15	BMEURIYLL	



CHEMICAL ELEMENTS - SPELL WORDS

Correct the spelling of a Chemical Element.

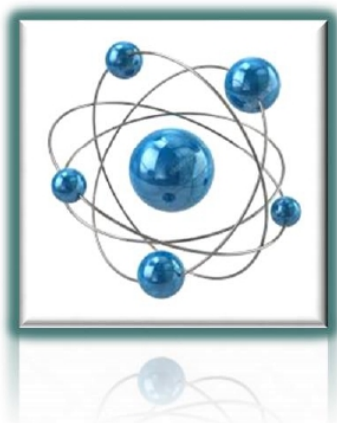
S.No.	INCORRECT	CORRECT
1	ENGYOX	
2	NODAR	
3	YENGRODH	
4	UMUMALIN	
5	BOONR	
6	RUMUNIA	
7	YMTUTIR	
8	SMOUDI	
9	NCLSOII	
10	SRHSHPOPOU	
11	EIOLNRUF	
12	MIIPULRA	
13	NBAORC	
14	MIFHUNA	
15	MIEULH	



CHEMICAL ELEMENTS - SPELL WORDS

Correct the spelling of a Chemical Element.

S.No.	INCORRECT	CORRECT
1	EIOHNRLC	
2	MITLUHI	
3	MIEURC	
4	MIOTURH	
5	RHLSUPU	
6	MINCUDAS	
7	MIEGMUSNA	
8	NROI	
9	ONEN	
10	MIDCUMA	
11	CNSAIER	
12	RPOEPC	
13	MISTPUSAO	
14	RVIELS	
15	NGRIEOTN	



CHEMICAL ELEMENTS - SPELL WORDS

Correct the spelling of a Chemical Element.

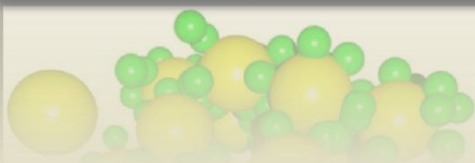
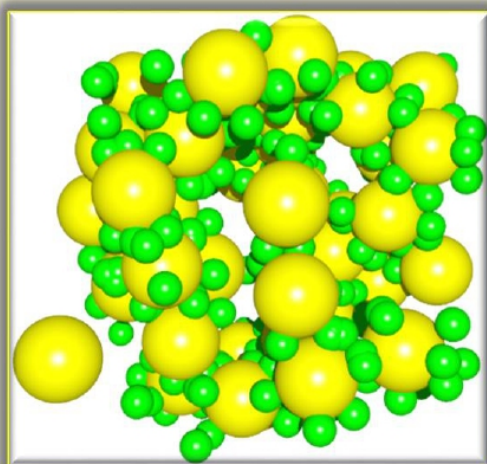
S.No.	INCORRECT	CORRECT
1	RFUULS	
2	EIOBNMR	
3	EMSAENNGA	
4	EANSITTA	
5	MRUAID	
6	YMREURC	
7	NTI	
8	MPURIONTIATC	
9	MUURIAN	
10	MCEIS	
11	MOUSIM	
12	MRUHIEN	
13	MGUAIL	
14	NTEUTNSG	
15	MBUEIRLYL	



Write Elements - I

Find elements for the given compounds.

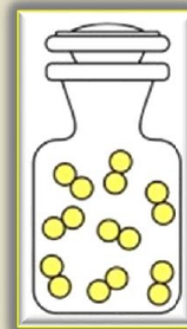
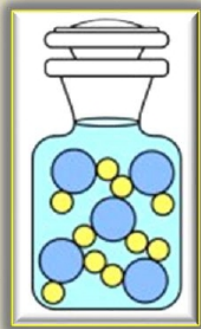
COMPOUND	ELEMENTS
Common Salt	
Ammonia	
Sulphuric Acid	
Glucose	
Water	
Methane	
Sodium Hydroxide	
Carbon Monoxide	
Calcium Nitrate	
Acetic Acid	



Write Elements - II

Find elements for the given compounds.

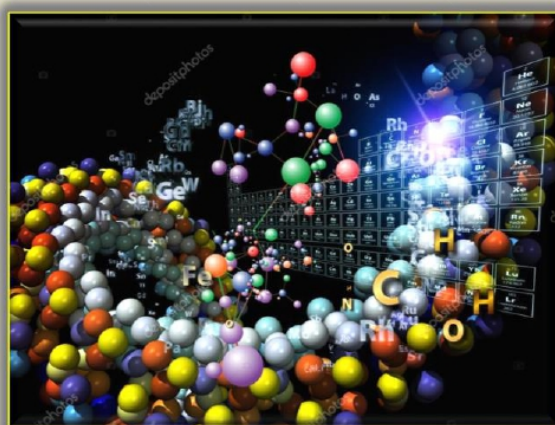
COMPOUND	ELEMENTS
Ethanol	
Calcium Sulfate	
Calcium Nitrate	
Sodium Chloride	
Carbon Dioxide	
Calcium Carbonate	
Calcium Chloride	
Calcium Phosphate	
Magnesium Sulphate	
Sucrose	



Write Chemical Formula - I

Write Chemical Formula for the given compound.

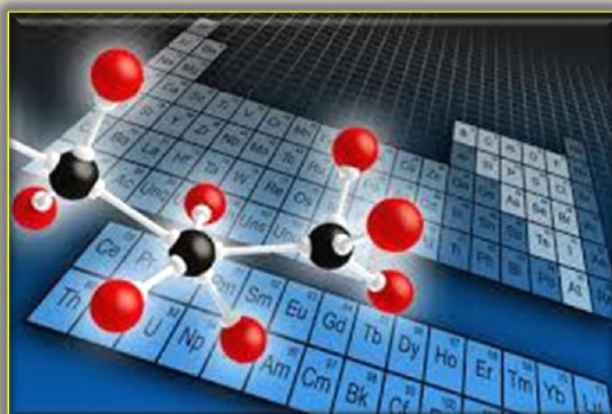
COMPOUND	CHEMICAL FORMULA
Common Salt	
Ammonia	
Sulphuric Acid	
Glucose	
Water	
Methane	
Sodium Hydroxide	
Carbon Monoxide	
Calcium Nitrate	
Acetic Acid	



Write Chemical Formula - II

Write Chemical Formula for the given compound.

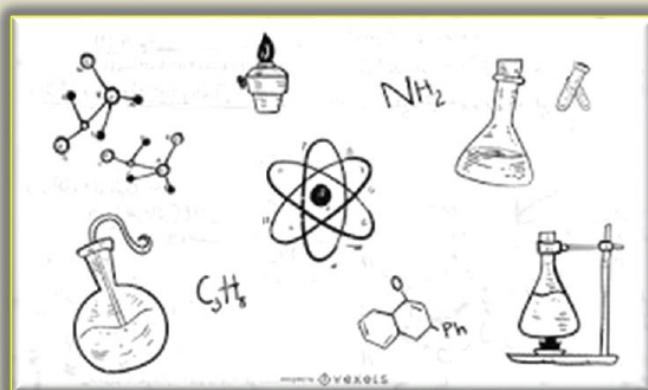
COMPOUND	CHEMICAL FORMULA
Ethanol	
Calcium Sulfate	
Calcium Nitrate	
Sodium Chloride	
Carbon Dioxide	
Calcium Carbonate	
Calcium Chloride	
Calcium Phosphate	
Magnesium Sulphate	
Sucrose	



Write Chemical Formula - III

Write Chemical Formula for the given compound.

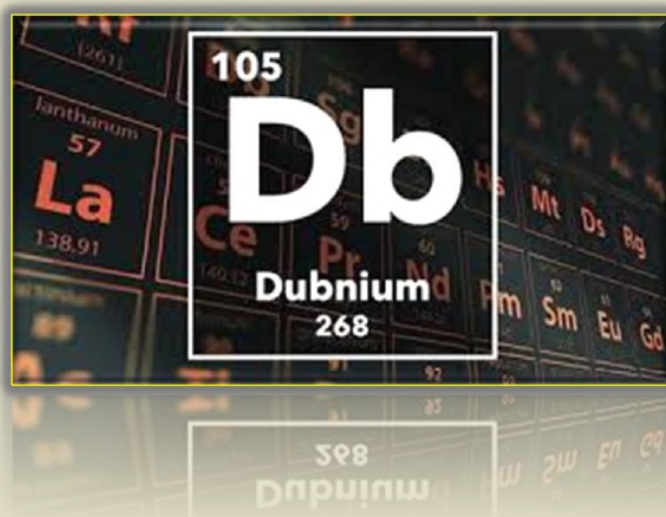
COMPOUND	CHEMICAL FORMULA
ammonium sulphate	
calcium nitrate	
iron sulphide	
sodium phosphate	
ammonium hydroxide	
copper carbonate	
hydrogen sulphide	
mercuric oxide	
zinc sulphide	
zinc chloride	



Write Symbols

Write Chemical symbol for the given Element name.

ELEMENT NAME	SYMBOL
Helium	
Silver	
Krypton	
Antimony	
Barium	
Uranium	
Radium	
Gold	
Iron	
Sodium	



Write Elements

Find elements for the given Chemical symbols.

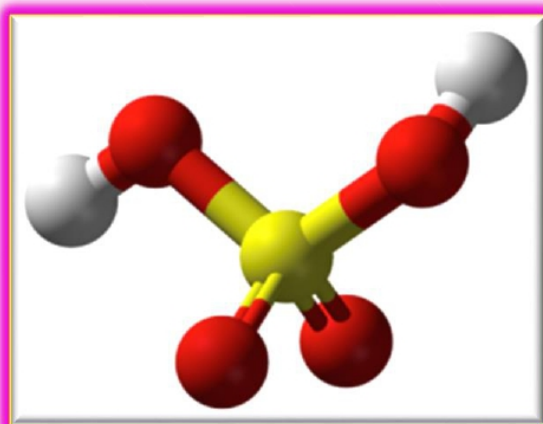
SYMBOL	ELEMENT
He	
Ag	
Kr	
Sb	
Ba	
U	
Ra	
Au	
Fe	
Na	



Write Names - I

Write names for the given Chemical Formula.

CHEMICAL FORMULA	NAME
NaCl	
NH ₃	
H ₂ SO ₄	
C ₆ H ₁₂ O ₆	
H ₂ O	
CH ₄	
NaOH	
CO	
Ca(NO ₃) ₂	
CH ₃ COOH	

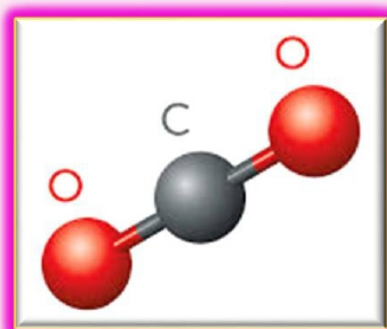


Sulphuric Acid

Write Names - II

Write names for the given Chemical Formula.

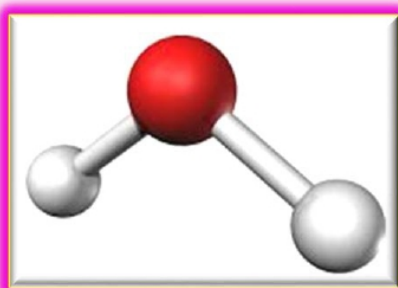
CHEMICAL FORMULA	NAME
C_2H_5OH	
$CaSO_4$	
$Ca(NO_3)_2$	
$NaCl$	
CO_2	
$CaCO_3$	
$CaCl_2$	
$Ca_3(PO_4)_2$	
$MgSO_4$	
$C_{12}H_{22}O_{11}$	



Write Names - III

Write names for the given Chemical Formula.

CHEMICAL FORMULA	NAME
AgBr	
KI	
HCl	
NH ₄ Cl	
KOH	
NaOH	
Cu(CO) ₃	
FeSO ₄	
(NH ₄)CO ₃	
H ₂ SO ₄	

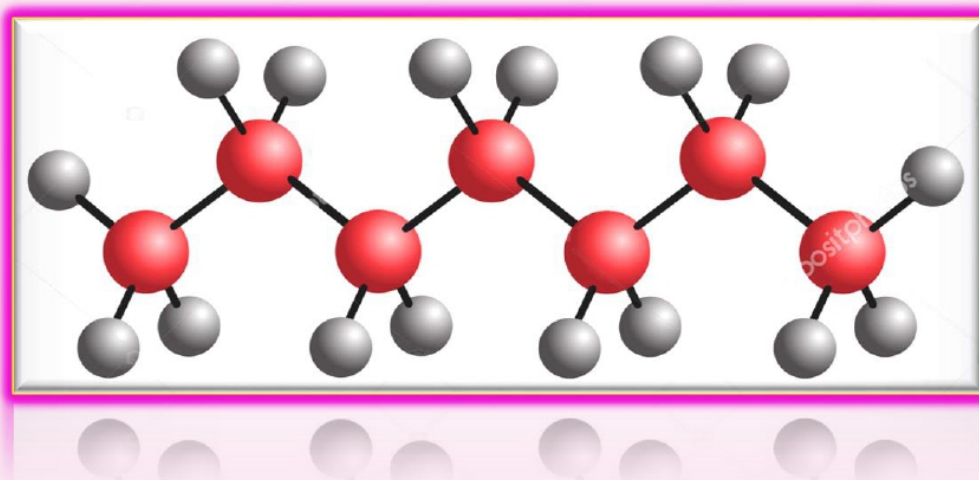


Water

Write Names - IV

Write names for the given Chemical Formula.

CHEMICAL FORMULA	NAME
$(\text{NH}_4)_2\text{SO}_4$	
$\text{Ca}(\text{NO}_3)_2$	
FeS	
Na_3PO_4	
NH_4OH	
CuCO_3	
H_2S	
HgO	
ZnS	
ZnCl_2	



Heptane