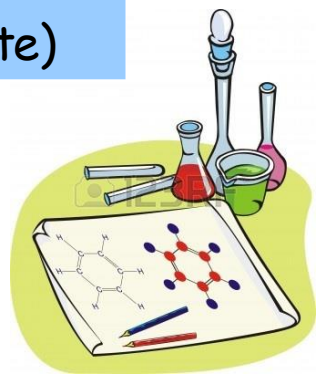
Inorganic Nomenclature: Suffixes

	ITALIANO		ENGLISH	
N.O. (NON-METALLO)	ACIDO	SALE	ACID	SALT
NEGATIVO	**-idrico** (acido cloridrico)	**-uro** (cloruro di sodio)	**-ide** (hydrogen chloride)	**-ide** (sodium chloride)
POSITIVO (BASSO)	**-oso** (acido nitroso)	**-ito** (nitrito di sodio)	**-ous** (nitrous acid)	**-ite** (sodium nitrite)
POSITIVO (ALTO)	**-ico** (acido nitrico)	**-ato** (nitrato di sodio)	**-ic** (nitric acid)	**-ate** (sodium nitrate)



Inorganic Nomenclature Exercises (Ia)

Give the formula to the following compounds:

a) copper(II) hydride

b) hydrogen cyanide

c) nitrous anhydride

d) diarsenic pentoxide

e) magnesium hydroxide

f) periodic acid

g) silver sulfide

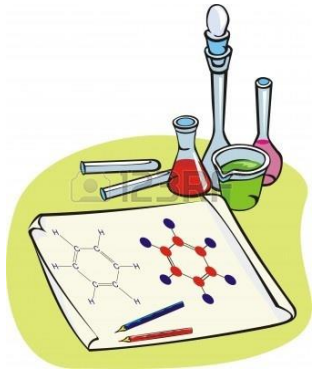
h) calcium hypochlorite

i) iron(III) sulfate

j) tin(II) nitrate

k) lead(IV) phosphate

l) ammonium bicarbonate



Inorganic Nomenclature Exercises (Ib)

Give the name to the follwing compounds:

a) SnH_2

b) PbO_2

c) Br_2O_5

d) $Hg(OH)_2$

e) HNO_2

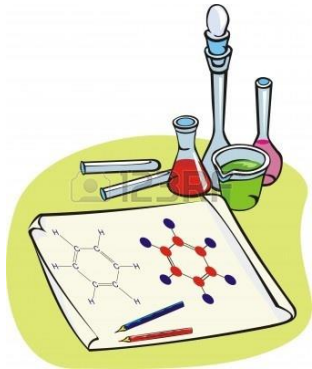
f) $FeCl_2$

g) $Cu(ClO_2)_2$

h) $(NH_4)_2SO_3$

i) $Zn_3(PO_4)_2$

j) $LiHCO_3$



Organic Nomenclature Exercises (Ia)

Give the formula to the following compounds:

a) 3,3-diethyl pentane

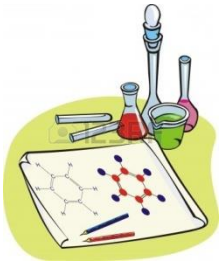
b) 3-ethyl-2,2,3-trimethyl hexane

c) methyl cyclobutane

d) hexa-2,4-diene

e) but-2-yne

f) 1,3,5-triethyl benzene



Organic Nomenclature Exercises (Ib)

Give the name to the following compounds:

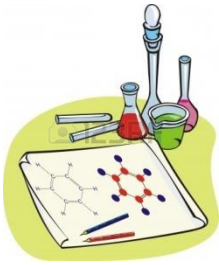
a) CH_3-$(CH_2)_3$-CH_3

b) CH_3-CH_2-CH=CH-CH_3

c) CH_2=C=CH-CH_3

d) $CH\equiv C$-CH_2-CH_3

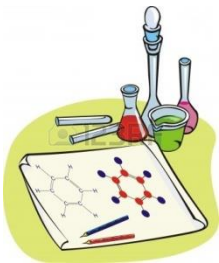
e) CH_3-CH_2-CH_2-Ph



Organic Nomenclature Exercises (IIa)

Give the formula to the following compounds:

a) 1-bromo propan-2,2-diol
b) butoxy exane
c) methyl butyl ether
d) triphenyl amine
e) 2,3-dichloro propanal
f) diethyl ketone
g) octan-4-one
h) dodecanoic acid
i) propyl propionate



Organic Nomenclature Exercises (IIb)

Give the name to the following compounds:

a) $CH_2Cl\text{-}CBr_2\text{-}CH_3$

b) $CH_3\text{-}CH_2\text{-}CHOH\text{-}CH_3$

c) $(CH_3\text{-}CH_2\text{-}CH_2)_2O$

d) $CH_3\text{-}CH_2\text{-}NH_2$

e) $CH_3\text{-}CH_2\text{-}CH_2\text{-}CHO$

f) $CH_3\text{-}(CH_2)_2\text{-}CO\text{-}CH_3$

g) $CH_2Cl\text{-}CH_2\text{-}COOH$

h) $CH_3\text{-}COO\text{-}(CH_2)_3\text{-}CH_3$