

For the following ionic compounds or covalent molecules, calculate the molar mass

Sodium Hydroxide [NaOH]		
Element	#	Molar Mass
Sodium (Na)		
Oxygen (O)		
Hydrogen (H)		
Sodium Hydroxide [NaOH]		

Zinc(I)Chlorate [ZnClO ₃]		
Element	#	Molar Mass
Zinc (Zn)	1	65.39 g/mol
Chlorine (Cl)	+ 1	35.45 g/mol
Oxygen (O)	+ 3	16.00 g/mol
Zinc(I) Chlorate [ZnClO ₃]		148.84 g/mol

ZnClO₃
 Zn Cl O
 1 1 3
 65.39
 + 35.45
 + 48.00
 148.84

Copper(II)Sulfate [CuSO ₄]		
Element	#	Molar Mass
Copper (Cu)		
Sulfur (S)		
Oxygen (O)		
Copper(II)Sulfate [CuSO ₄]		

Aluminum Phosphate [AlPO ₄]		
Element	#	Molar Mass
Aluminum (Al)		
Phosphorous (P)		
Oxygen (O)		
Aluminum Phosphate [AlPO ₄]		

Iron(II)Carbonate [FeCO ₃]		
Element	#	Molar Mass
Iron (Fe)		
Carbon (C)		
Oxygen (O)		
Iron(II)Carbonate [FeCO ₃]		

Tin(II)Dichromate [SnCr ₂ O ₇]		
Element	#	Molar Mass
Tin (Sn)	1	118.71 g/mol
Chromium (Cr)	2	52.00 g/mol
Oxygen (O)	7	16.00 g/mol
Tin(II)Dichromate [SnCr ₂ O ₇]		334.71 g/mol

SnCr₂O₇
 1 2 7
 118.71
 104.00
 112.00
 334.71

$\text{Co}(\text{HCO}_3)_2^*$
 $\begin{array}{cccc} \text{Co} & \text{H} & \text{C} & \text{O} \\ 1 & 2 & 2 & 6 \end{array}$
 $* 2 \text{HCO}_3$
 $\text{HCO}_3 + \text{HCO}_3$
 $2\text{H} \quad 2\text{C} \quad 6\text{O}$

 58.93
 $+ 2.02$
 $+ 24.02$
 $+ 96.00$

 180.97

Cobalt(II) Bicarbonate [$\text{Co}(\text{HCO}_3)_2$]		
Element	#	Molar Mass
Cobalt (Co)	1	58.93 g/mol
Hydrogen (H)	2	1.01 g/mol
Carbon (C)	2	12.01 g/mol
Oxygen (O)	6	16.00 g/mol
Cobalt(II) Bicarbonate [$\text{Co}(\text{HCO}_3)_2$]		180.97 g/mol

Rhodium(III) Permanganate [$\text{Rh}_2(\text{MnO}_4)_3$]		
Element	#	Molar Mass
Rhodium (Rh)		
Manganese (Mn)		
Oxygen (O)		
Rhodium(III) Permanganate [$\text{Rh}_2(\text{MnO}_4)_3$]		

Sodium Acetate [$\text{NaC}_2\text{H}_3\text{O}_2$]		
Element	#	Molar Mass
Sodium (Na)		
Carbon (C)		
Hydrogen (H)		
Oxygen (O)		
Sodium Acetate [$\text{NaC}_2\text{H}_3\text{O}_2$]		

Iron(II) Phosphate [$\text{Fe}_3(\text{PO}_4)_2$]		
Element	#	Molar Mass
Iron (Fe)		
Phosphorous (P)		
Oxygen (O)		
Iron(II) Phosphate [$\text{Fe}_3(\text{PO}_4)_2$]		