

Name _____ Period _____

College Prep Chemistry of the Earth

Assignment 5D – Molar Mass (*single polyatomic ions*)

20 Points

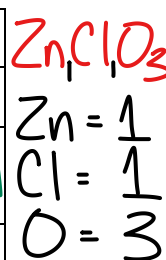
For the following ionic compounds or covalent molecules, calculate the molar mass

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

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

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

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



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

Tin(II)Dichromate (SnCr ₂ O ₇)		
Element	#	Molar Mass
Tin (Sn)		
Chromium (Cr)		
Oxygen (O)		
Tin(II)Dichromate (SnCr ₂ O ₇)		