Name _____ Period _____

College Prep Chemistry of the Earth

Assignment 5E – 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]		

Zinc(I)Chlorate [$ZnClO_3$]		
Element	#	Molar Mass
Zinc (Zn)		
Chlorine (Cl)		
Oxygen (O)		
Zinc(I) Chlorate [$ZnClO_3$]		

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 [$SnCr_2O_7$]		
Element	#	Molar Mass
Tin (Sn)		
Chromium (Cr)		
Oxygen (O)		
Tin(II)Dichromate [$SnCr_2O_7$]		

Cobalt(II) Bicarbonate [$Co(HCO_3)_2$]		
Element	#	Molar Mass
Cobalt (Co)		
Hydrogen (H)		
Carbon (C)		
Oxygen (O)		
Cobalt(II) Bicarbonate [$Co(HCO_3)_2$]		

Sodium Acetate [$NaC_2H_3O_2$]		
Element	#	Molar Mass
Sodium (Na)		
Carbon (C)		
Hydrogen (H)		
Oxygen (O)		
Sodium Acetate [$NaC_2H_3O_2$]		

Rhodium(III) Permanganate [$Rh_2(MnO_4)_3$]		
Element	#	Molar Mass
Rhodium (Rh)		
Manganese (Mn)		
Oxygen (O)		
Rhodium(III) Permanganate [$Rh_2(MnO_4)_3$]		

Iron(II) Phosphate [$Fe_3(PO_4)_2$]		
Element	#	Molar Mass
Iron (Fe)		
Phosphorous (P)		
Oxygen (O)		
Iron(II) Phosphate [$Fe_3(PO_4)_2$]		