

Name _____ Period _____

College Prep Chemistry of the Earth

Assignment 5F – Molar Mass Conversions (Part 1)

20 Points

For the following use the given molar mass to perform the following conversions

Molar Mass A (Conversion): $1 \text{ mol A (mol)} = \text{Mass A (g)}$

Remember to show both *units* and *labels* for each part of the conversion process!

Convert 48.2g Na to mol Na	
Molar Mass Na	g/mol
mol Na	

Convert 3.29mol Pb to mass Pb	
Molar Mass Pb	g/mol
mass Pb	

Convert 329.58g Ag to mol Ag	
Molar Mass Ag	g/mol
mol Ag	

Convert 0.83mol Cr to mass Cr	
Molar Mass Cr	g/mol
mass Cr	

Convert 25.4g Sr to mol Sr	
Molar Mass Sr	g/mol
mol Sr	

Convert 1.81mol Br to mass Br	
Molar Mass Br	g/mol
mass Br	

Convert 374.2g W to mol W	
Molar Mass W	g/mol
mol W	

Convert 0.472mol Ra to mass Ra	
Molar Mass Ra	g/mol
mass Ra	

Convert 372.5g Ag to mol Ag	
Molar Mass Ag	g/mol
mol Ag	

Convert 32.74mol Cr to mass Cr	
Molar Mass Cr	g/mol
mass Cr	