

Name _____ Period _____

College Prep Chemistry of the Earth

Assignment 7B –Volume Conversions

20 Points

Convert the following volume and pressure units to their new values based on the conversion factors provided.

Volume Conversions

Conversion Factors	1L = 1000mL		
Convert 419.39mL H ₂ (g) to L H ₂ (g)			
L H ₂ (g) =			
Convert 4.28L CO ₂ (g) to mL CO ₂ (g)			
mL CO ₂ (g) =			
Convert 384.22mL Br ₂ (g) to L Br ₂ (g)			
L Br ₂ (g) =			
Convert 4.28L SO ₃ (g) to mL SO ₃ (g)			
mL SO ₃ (g) =			
Convert 12.84L CH ₄ (g) to mL CH ₄ (g)			
mL CH ₄ (g) =			
Convert 254.52mL C ₂ H ₄ (g) to L C ₂ H ₄ (g)			
L C ₂ H ₄ (g) =			
Convert 8.27L F ₂ (g) to mL F ₂ (g)			
mL F ₂ (g) =			
Convert 1924.34mL O ₂ (g) to L O ₂ (g)			
L O ₂ (g) =			