Name

Date

Period

 Chemistry Stoichiometry Quiz

A) Molar Mass, Grams to Moles and Moles to Grams

1a) What is the molar mass of AgNO3?

 1b) How many moles are 324 g of AgNO3? (use your molar mass answer from 1a within this equation)

 1c) How many grams are 35 moles of AgNO3? (use your molar mass answer from 1a within this equation)

B) Moles to Liters (1 mol= 22.4 L)

 2) How many liters are in 5.5 moles of Ne?

 3) How many liters of gas are in 5.7 moles of H2?

C) Grams to Moles to Liters (4b is a THREE STEP problem) (1 mol= 22.4 L)

 4a) What is the molar mass of O2?

 4b) How many liters of gas are in 13g of O2? (use your molar mass answer from 4a within this equation)