Mole Conversions: In Class Practice

1. How many grams is 2.0 mol of H_2O?

What is the molar mass of H_2O? _____ g/mol

X _____ =

2. How many moles is 82.0 grams of CH_4?

What is the molar mass of CH_4? _____ g/mol

X _____ =

3. How many moles is 56.04 grams of N_2?

What is the molar mass of N_2? _____ g/mol

X _____ =

4. What is the mass of 1.50 moles of CO_2?

What is the molar mass of CO_2? _____ g/mol

X _____ =

5. You have 17.0 g of PH_3. How many moles do you have?

What is the molar mass of PH_3? _____ g/mol

X _____ =