Name: _____ Mr. Leal
Date: _____ Per: _____ Chemistry - 11/8/2013

Moles WS 4 - Summary

1. Determine the Molar Mass of the following:

	Answers	Units	Formula
a. Na:	*22.99*	*grams / mole*	*Na*
b. H_2S:			
c. Potassium Chloride:			
d. Calcium Sulfate:			
e. Aluminum Chromate:			
f. Carbon Tetrachloride:			
g. Ammonium:			
h. Potassium Permanganate:			
i. Glucose:			
j. Calcium Nitrate:			

2. Determine the number of atoms (or formula units) for:
   a. 0.05 moles Na: _____
   b. 1.25 moles H_2S: _____
   c. 0.20 moles Potassium Chloride: _____

3. Determine the number of grams for the following:
   a. 0.05 moles Na: _____
   b. 1.25 moles H_2S: _____
   c. 0.20 moles Potassium Chloride: _____

4. Determine the number of moles for the following:
   a. 120.25 grams Na: _____
   b. 21.85 grams H_2S: _____
   c. 3.57×10^{24} atoms Potassium Chloride: _____