Molar Mass

Calculate the molar mass of each of the following. You may use the periodic table on pg.2 to find the atomic mass numbers. Give your answer to 2 decimal places eg. 1.00, 2.74 etc. *NB. Work them out yourself for this activity to be most effective.*

1) NH3 = $gmol^{-1}$

2) Al_2O_3 = $gmol^{-1}$

3) NaOH = $gmol^{-1}$

Mass to Moles

Convert the following masses to moles. Type in the numerical answers to 2 decimal places.

1) 35 grams of CaCO3 = moles of CaCO3

2) 12 grams of HCl = moles of HCl

3) 5 grams of $C_6H_{12}O_6$ = moles of $C_6H_{12}O_6$

Moles to Mass

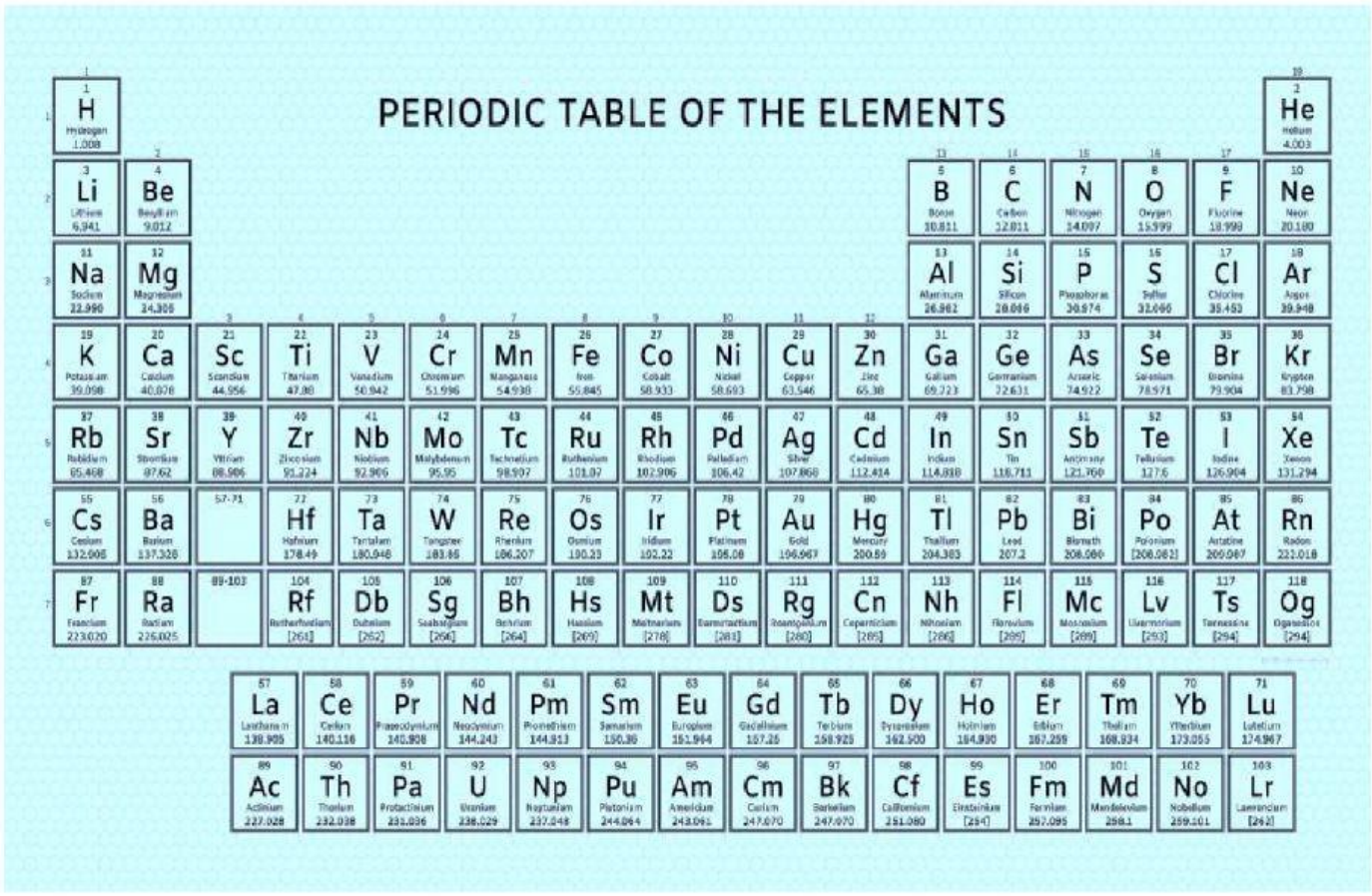
Convert the following moles to masses. Type in the numerical answers to 2 decimal places.

1) 2.5 mol of CaCO3 = g

2) 0.2 mol of HCl = g

3) 5 mol of $C_6H_{12}O_6$ = g

LIVEWORKSHEETS



LIVEWORKSHEETS