

# Preclass Assignment

## CHEM 1090-General Chemistry I

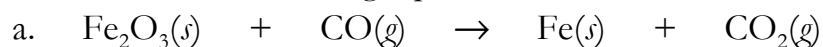
Name:

#6

Section: 31, MWF

Due Date: Monday 7/30/2018

1. Balance each of the following equations:



2. Calculate the molar mass of each of the following compounds:

a. sucrose,  $\text{C}_{12}\text{H}_{22}\text{O}_{11}$

b. lead(II) acetate,  $\text{Pb}(\text{C}_2\text{H}_3\text{O}_2)_2$

c. water,  $\text{H}_2\text{O}$

3. Calculate the mass, in grams, for 1.34 moles of each of the following:

a. water

b. lead(II) acetate

4. Calculate the number of molecules in 0.2337 moles of sucrose.