

Preclass Assignment

CHEM 1100-General Chemistry I

Name:

#1

Section: 31, MWF

Due Date: Wednesday 7/12/2017

1. CHEM 1090 Review. Write the name or the formula for each of the following:

a. NaCl

e. hydrochloric acid

b. MgCl₂

f. sodium hydroxide

c. SO₂

g. chloric acid

d. Na₂CO₃

h. magnesium nitrate

2. The solubility of sodium chloride is 36.0 g for every 100 g of water at 25.0 °C. Calculate the solution's molality (assume 3 significant figures).

3. Define each of the following:

a. solution

b. solute

c. solvent

d. mass fraction

e. mole fraction

f. molarity

g. molality