

Preclass Assignment

CHEM 1090-General Chemistry I

Name:

#7

Section: 32, MWF

Due Date: Wednesday 1/31/2018

1. A 100.0 g sample contains the following elements by mass:

24.5 g sodium 14.9 g silicon 60.6 g fluorine

Determine the empirical formula of this compound.

2. Calculate the mass of carbon, in grams, that is produced when 25.000 g sucrose decomposes:

