

Preclass Assignment

CHEM 1050-Chemistry and the Citizen

Name:

#8

Section: 03, MW

Due Date: Monday 2/29/2016

1. A balloon is filled with air to a volume of 3500.0 mL at 23 °C. If the air is heated to 46 °C, calculate the new volume in liters.

2. Define each of the following:

a. Radiation

b. Radioisotope

c. Half-life