

Assignment 0E – Introduction to Measurements in Lab
 Answer the following questions about units and measurements

20 Points

For each measurement, complete the chart below showing each part of the measurement				
Measurement	Type of Measurement	Quantity	Unit	Label
34.50g NaCl	Mass	34.50	g	NaCl
45.2°C Hot Plate		Number	Type	"of what"
283.20mL Water	Volume	283.20	mL	Water
1.06atm balloon				

* Mass, Volume, Length, temp, time, heat, pressure, etc.
 ** Unit Name: g, grams; L, Liters

A and P

goal = known (correct) value

goal: 12.0g

goal: 12.0g

goal: 12.0g

12.1g 12.5g

10.6g 16.2g

2.6g 2.7g

11.8g 12.0g

14.1g 8.2g

2.5g 2.6g

Accurate? yes!

Accurate? no!

Accurate? no!

Precise? yes!

Precise? no!

Precise? yes!