

Name _____ Period _____

College Prep Chemistry of the Earth System

Assignment 0H – Rounding in Quantitative Measurements

20 Points

Round the following quantitative measurements to the given \pm value

Rounding Rules: 0-4: Keep the Same, 5-9: Round Up

Measurement	Round to	Quantity	Unit	Measurement Type*
429.84m	$\pm 10\text{m}$			
514.36g	$\pm 1\text{g}$			
73629s	$\pm 100\text{s}$			
186505L	$\pm 1000\text{L}$			
99.023°C	$\pm 0.1^\circ\text{C}$			
59.481g	$\pm 0.01\text{g}$			
234.891L	$\pm 0.1\text{L}$			
41.8274°C	$\pm 0.01^\circ\text{C}$			
0.9252g	$\pm 0.1\text{g}$			
0.352L	$\pm 0.01\text{L}$			
0.29525m	$\pm 0.001\text{L}$			
4.591g	$\pm 1\text{g}$			
395.29s	$\pm 10\text{s}$			
28.582L	$\pm 0.1\text{L}$			
0.8426m	$\pm 0.01\text{m}$			

*mass, volume, length, time, temperature, pressure