

Name _____ Period _____

College Prep Chemistry of the Earth System

Assignment 0I – Add and Subtract with Measurements

20 Points

Solve the following problems based on the measurements above. For addition and subtraction round to same decimal place as measurements.

Measurement		Measurement	=	Unrounded	Unit	Rounded	Unit
35.5m	+	34m	=				
153.49g	-	61.7g	=				
617.29s	+	562.4s	=				
9592L	+	824L	=	10416	L	10416	L
65.2m	+	43m	=				
347.293s	+	235.22s	=	582.513	s	582.51	s
308.29m	+	64.3m					
8.952g	-	4.63g					
668L	-	71.7L					
1.434m	-	0.9283m					
409.33s	-	143.4s					
0.634g	-	0.32g					

Rnd to
least #
digits after
dec.

9592L
no dec.
0 after

347.293
3 after

After
Both are L

Unrounded

Rounded

Places after

0-4, rnd down
(stays same)

3 after

2 after

2 after