

NOTE: Failure to put the Units in, Failure to show all math work, Failure to properly round = -PTS

YOUR NAME (Please Print): _____

1. (1 pt ea) Your start time on this test _____

Your finish time on this test: _____

Time it took you to do this test: _____

2. (28 pts, 2pts ea)

2.1 Chemistry is a science that deals with materials of the universe and _____ (1 word)

2.2 What are the three steps to the Scientific Approach _____

2.3 _____

2.4 _____

2.5 A measurement is _____

2.6 A Measurement ALWAYS contains _____

2.7 _____ and _____

2.8 How many rules are there for determining the number of Significant Figures and what are they:
= _____

2.9 _____

2.10 Name the States of Matter _____

2.11 Ice melting is a _____ Property

2.12 Iron rusting is a _____ Change

2.13 A McDonalds Cheeseburger is a Homo or Heterogeneous Mixture?

2.14 How would you separate a mixture of coffee grounds and coffee?

2.15 An Element is: _____

3. (10 pts, 2 pts ea) Solve 3 of the following – put your answer in Scientific Notation:

3.1. $1.1234 \text{ mm} \times 2.000 \text{ mm} =$ _____

3.2. $0.0001234 \text{ dollars} =$ _____

3.3. 00.0012345 cm to 2 significant digits _____

3.4. $2222.22 \text{ cm} / 2.0 \text{ cm} =$ _____

3.5. 2 dozen donuts times 12 / 1 dozen = _____

4. (8 pts, 2 points ea) For the following math manipulations, perform the math calculation:

$$\begin{array}{r} 1234.567 \text{ mm} \\ 12.3 \text{ mm} \\ + 1.000 \text{ mm} \\ \hline \end{array}$$

$$\begin{array}{r} 135.79 \\ \times 2 \\ \hline \end{array}$$

$$\begin{array}{r} 135.79 \\ \times 2.0 \\ \hline \end{array}$$

$$\begin{array}{r} 135.79 \\ \times 2.00 \\ \hline \end{array}$$

5. (6 pts, 2 pts ea) Perform the following conversions.

5.1. 100 Deg K to Deg F

5.2. 100 Deg F to Deg K

6.0 (4 pts total, 2 pts ea) Perform the following conversions – Do 2 of the following

6.1. 55 Km to inch

6.2. 2.345 tons to mg

Summary:

Section	# of Quest	Pts Ea	Max Total Pts	Total Pts
1 Time	1	1	3	
2 Fill In Blanks	15	3	45	
3 Sci Not	5	4	20	
4 Math	4	4	16	
5 Temp Conv	2	5	10	
6. Conversion	2	5	10	
Total			104 pts	

7. How do you rate this test from 1 to 10

1 = Very Easy, can do it with my eyes closed

10= Very Very Difficult, could not do any of the problems
