

Math 1020 Sample Exam #3 Fall 2012 Name: _____

Part 1: **No calculator is allowed.** *Smart phones, iPods, iPads, or similar tablets or any device that is able to send/receive data may not be used on exams. Furthermore, headphones may not be worn during exams. No books or notes.* Give exact answers unless otherwise stated. **Write down all necessary steps to earn full credit (i.e show how units are canceling.)**

1.) What is the abbreviation for kilometers?	2.) How many quarts are in 1 gallon?
3.) Write 14 using Roman Numerals.	4.) What is the abbreviation for microdrops?
5.) Write the Roman Numeral XXIX in Arabic Numerals.	6.) How many micrograms are in 1 milligram?
7.) What is the abbreviation for drams?	8.) How many teaspoons are in 1 tablespoon?
9.) The abbreviation mm means_____.	10.) How many centimeters are in 1 inch?
11.) 0.23 kg = _____ mg	12.) 16,342 mL = _____ L _____ mL
13.) 21 m = _____ mm	14.) 0.067 L = _____ cc
15.) 675 oz = _____ lb _____ oz	16.) 95 T = _____ cup _____ T

Part 2: You may use a scientific or graphing calculator. No books or notes. *Smart phones, iPods, iPads, or similar tablets or any device that is able to send/receive data may not be used on exams. Furthermore, headphones may not be worn during exams. No books or notes.* Write your answer in scientific notation where appropriate.

17.) $133,393 \text{ min} = \underline{\hspace{1cm}} \text{ days } \underline{\hspace{1cm}} \text{ hr } \underline{\hspace{1cm}} \text{ min}$	18.) $7877 \text{ in} = \underline{\hspace{1cm}} \text{ yd } \underline{\hspace{1cm}} \text{ ft } \underline{\hspace{1cm}} \text{ in}$
19.) $52 \text{ lb} = \underline{\hspace{1cm}} \text{ kg}$	20.) $29 \text{ in} = \underline{\hspace{1cm}} \text{ cm}$
21.) $\frac{7}{8} \text{ gal} = \underline{\hspace{1cm}} \text{ fl oz}$	22.) $\frac{3}{4} \text{ cup} = \underline{\hspace{1cm}} \text{ mL}$
23.) $209 \text{ qt} = \underline{\hspace{1cm}} \text{ gal } \underline{\hspace{1cm}} \text{ qt}$	24.) $23 \text{ oz} = \underline{\hspace{1cm}} \text{ mL}$