

# 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.)**

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| 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 <b>mm</b> 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.

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| 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.) $23 \text{ oz} = \underline{\hspace{1cm}} \text{ mL}$   |