

Name: \_\_\_\_\_

## Math 5: Units of Measure Test

Please place all answers on the answer sheet provided. Good Luck!

For numbers 1-12, please read all directions carefully. Circle the correct answer.

### #1-3 : Find the best unit of measure for the following.

- |                              |                     |               |                         |
|------------------------------|---------------------|---------------|-------------------------|
| 1. Length of your bed?       | A. centimeters (cm) | B. feet (ft)  | c. inches (in)          |
| 2. liquid in a water bottle? | A. gallons (gal)    | b. meters(m)  | c. fluid ounces (fl oz) |
| 3. distance of a race?       | A. inches (in)      | b. meters (m) | c. gallons (gal)        |

### #4-12 Convert the following units.

- |                                       |                      |              |                |
|---------------------------------------|----------------------|--------------|----------------|
| 4. 1 meter is equivalent to?          | A. 100cm             | B. 100mm     | C. 1/10 cm     |
| 5. 3 feet is equivalent to?           | A. 3 yards           | B. 1 yard    | C. 30 yards    |
| 6. 1 foot is equivalent to?           | A. 12 in             | B. 1200 in   | C. 5cm         |
| 7. 1000 milliliters is equivalent to? | A. 1 gal             | B. 1 l       | C. 1 lb        |
| 8. 4 quarts is equivalent to?         | A. $\frac{1}{2}$ gal | b. 500 in    | C . 1 gal      |
| 9. 1 cup is equivalent to?            | A. 18 fl. Oz         | B. 16 fl oz. | C. 8 fl oz.    |
| 10. 1 pound is equivalent to?         | A. 50 oz.            | B. 16 oz.    | C. an elephant |
| 11. 2 pints is equivalent to ?        | A. 1 qt.             | B. 16 qts.   | C. 4 qts.      |
| 12. 1000 grams is equivalent to?      | A. 100 kg            | B. 1/10 kg   | C. 1 kg        |

### #13-20 Solve the following (the answers above may help your conversions)

13. 5 gallons = \_\_\_\_\_ quarts
14. \_\_\_\_\_ feet = 36 inches
15. 5000 cm = \_\_\_\_\_ m
16. 4 pints = \_\_\_\_\_ quarts
17. 3 yards = \_\_\_\_\_ inches
18. 2000 ml = \_\_\_\_\_ l.
19. \_\_\_\_\_ cups = 36 fluid ounces
20. 50 meters = \_\_\_\_\_ centimeters

**#21-30 Solve the following by comparing the two measurements using < , > , =**

21. 3L \_\_\_\_\_ 300 mL

22. 16000 g \_\_\_\_\_ 15 kg

23. 10 qt \_\_\_\_\_ 2 gal 3 qt

24. 3lb \_\_\_\_\_ 45 oz

25. 4010 lb \_\_\_\_\_ 3T 10 lb

26. 1.79 km \_\_\_\_\_ 1790 m

27. 0.46 L \_\_\_\_\_ 46mL

28. 3000 g \_\_\_\_\_ 30 kg

29. 8 ft \_\_\_\_\_ 80 in

30. 72 in \_\_\_\_\_ 6 yards