

Name \_\_\_\_\_

Metric System Worksheet

1. 1 km = \_\_\_\_\_ m
2. 5.1 hg = \_\_\_\_\_ dg
3. 72.08 kl = \_\_\_\_\_ cl
4. .5705 dg = \_\_\_\_\_ mg
5. 102.17 km = \_\_\_\_\_ mm
6. 42714 mg = \_\_\_\_\_ hg
7. 3704.2 cm = \_\_\_\_\_ km
8. 51 mm = \_\_\_\_\_ cm
9. 2.74 dl = \_\_\_\_\_ kl
10. 96.07 mg = \_\_\_\_\_ g
11. The meter stick is divided into how many centimeters? \_\_\_\_\_
12. How many centimeters are found in one inch? \_\_\_\_\_ Millimeters \_\_\_\_\_
13. One foot equals \_\_\_\_\_ centimeters.
14. A meter stick is (larger or smaller) than a yard stick? \_\_\_\_\_
15. One pound equals \_\_\_\_\_ grams.
16. What is the freezing point of water on the Celsius scale? \_\_\_\_\_ on the Fahrenheit scale? \_\_\_\_\_
17. What is the boiling point of water on the Celsius scale? \_\_\_\_\_ on the Fahrenheit scale? \_\_\_\_\_
18. Your doctor said your weight was 27,272,727 mg. How many Kg would you weigh? \_\_\_\_\_. Would you be in the 3<sup>rd</sup>, 7<sup>th</sup>, or 10<sup>th</sup> grade? \_\_\_\_\_
19. If you ran the 100 meters which of the following races would you run? circle  
10,000 cm    10 Hm    1000 dm    100,000 mm    .1Km
20. What would be the greatest athletic feat? A. in basketball a .4572 Dm basket  
B in football a .12 hm touchdown run    C. in baseball a 10,000 cm homerun  
D. in golf a .067 km putt
21. If a car was moving 1 m per second could you beat the car in a 100 m race? Explain.
22. After breaking the lead in your pencil it is .0054 Dm in length. Could you sharpen this pencil in a standard electric sharpener? Explain.
23. On the first day of school you saw a ninth grader that was 103.22 cm tall. Who is taller, you or the ninth grader?