

Name _____ Date _____ Period _____
Due Date _____

Use Dimensional Analysis to solve the following - SHOW YOUR WORK! BE NEAT!

1. 22.4 km = _____ m
2. 5280 m = _____ km
3. 2200 cm = _____ m
4. 2.200cm = _____ mm
5. 640 g = _____ mg
6. 150 ml = _____ liters
7. 750 liters = _____ ml
8. 1988 mm = _____ cm
9. 456 ml = _____ liters
10. 999 ml = _____ liters
11. 10000 m = _____ km
12. 120 Gigabytes = _____ Megabytes
13. 120 Gigabytes = _____ bytes*
14. 750 Megabytes = _____ Gigabytes
15. 1.4 Megahertz = _____ hertz**
16. 9600 ml = _____ liters

17. 85000000 mm = _____ decimeter

18. 300 mice = _____ hectomice

19. 7300 ms = _____ seconds

20. 0.075 grams = _____ mg

21. 200 milligrams = _____ kg

22. 88 m = _____ feet

23. 56 m = _____ inches

24. 677 cm = _____ in

25. 16 oz. = _____ kg

26. 8.6 gal = _____ mL

27. 5 miles = _____ m

28. 9.7 Km = _____ cm

29. 87 mL = _____ cc

30. 56 slugs = _____ kg

31. 9.5 m = _____ mm

32. 1988 mm = _____ ft

33. 64 Kg = _____ mg

34. 456 mL = _____ liter

35. 87 yds = _____ cm

36. 1kg = _____ ounces

37. 66 gal = _____ Liter

38. 87 mm = _____ cm

39. 56 m = _____ ft

40. 78 Kg = _____ slugs

* Bytes are storage units on a hard drive or of memory in a computer.

** Hertz is used to describe the speed of the computer's processor.