

Name _____

Date _____

CONVERSION Worksheet

For the following conversions, use the relationships below as well as the information given on your reference chart.
Show all of your work when possible and box in your final answers.

Metric Prefixes						
<u>Milli-</u> 1/1000 0.001	<u>Centi-</u> 1/100 0.01	<u>Deci-</u> 1/10 0.1	<u>BASE</u> 1 1.0	<u>Deka-</u> 10 10.0	<u>Hecto-</u> 100 100.0	<u>Kilo-</u> 1000 1000.0

I. Convert the following metric problems.

1. 3.45 mL = L

4. 7.345 Km = m

2. 0.078 cg = g

5. 2.33 Km = cm

3. 1.004 L = mL

6. 0.0036 hg = mg

II. Convert the following metric/English conversions.

7. 2.34 mi = km

10. 35.6 L = gal

8. 4412 lbs = kg

11. 813 mL = cm³

9. 0.049 ft = m

12. 4.23 m = in

III. Convert the following two step conversion problems.

13. 3.023 in = km

15. 4.1 kg = oz

14. 425 cm³ = L

16. 3.05 tons = kg

IV. No Work, No Units, No Credit.

17. 330 feet to meters.

19. 176.2 milligrams to grams.

18. 50 mi/h to ft/s.

20. 100 ft/s to km/h.