Decimal Dos

1. Every whole number has a decimal to the right of the last digit.

   15 = 15.0

2. You can put as many zeros as you want to the right of a decimal. This does not change the value of a number.

   15.0 = 15.00000

   0.38 = 0.380000

3. You can add as many zeros as you want to the left of a decimal. This does not change the value of a number.

   15.0 = 000015.0

   0.38 = 00000.38

4. In the metric system you can move the decimal one place to the right for every step down and one place to the left for every step up.

   32.0 cm = 320.0 mm

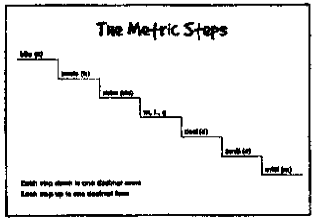
   32.0 cm = 0.32 m

Metric System Conversions

Name _____ _____

Date _____ Hour _____

Directions: Use the steps to move the decimals and make the conversions. Write your answers on the lines.



Set A: Practice

1. 4kg = _____ g
2. 3 km = _____ dam
3. 400 mL = _____ L
4. 3275 g = _____ kg

Set B: Individual

5. 100 m = _____ km
6. 1 g = _____ mg
7. 100 cm = _____ m
8. 1000 mL = _____ L
9. 75 kg = _____ g
10. 34 hm = _____ m
11. 600 mL = _____ L
12. 3275 g = _____ kg

Set C: Homework

13. 1 L = _____ mL
14. 493.6 cm = _____ m
15. 1.2 kg = _____ g
16. 0.0032 L = _____ mL
17. 0.186 km = _____ dm
18. 473.2 mL = _____ L
19. 723 m = _____ hm
20. 2041.3 g = _____ kg
21. 4.3 L = _____ mL
22. 0.043 kg = _____ g
23. 0.57 g = _____ mg
24. 1.91 L = _____ mL
25. 257 mm = _____ cm
26. 0.00094 kg _____ mg
27. 9342 mg = _____ g
28. 16 cm = _____ dm
29. 6900 mL = _____ L
30. 3407 mm = _____ m
31. 3407 mm = _____ cm
32. 3407 mm = _____ dm