

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

**Metric Conversions**

mega M	kilo k	hepto h	deca da	<b>base unit</b>	deci d	centi c	milli m	micro μ
-----------	-----------	------------	------------	----------------------	-----------	------------	------------	------------

←	←	←	←	←	←	←	←	←
÷1000	÷10	÷10	÷10	÷10	÷10	÷10	÷10	÷1000
→	→	→	→	→	→	→	→	→
x1000	x10	x10	x10	x10	x10	x10	x10	x1000

Mm	km	hm	dam	<b>m</b>	dm	cm	mm	μm
Mg	kg	hg	dag	<b>g</b>	dg	cg	mg	μg
ML	kL	hL	daL	<b>L</b>	dL	cL	mL	μL

1. 0.56 m \_\_\_\_\_ cm
2. 45.0 m \_\_\_\_\_ m
3. 32.3 cm \_\_\_\_\_ m
4. 0.02 km \_\_\_\_\_ cm
5. 25.6 dm \_\_\_\_\_ hm
6. 0.08 km \_\_\_\_\_ cm
7. 12387 m \_\_\_\_\_ km
8. 4000 μm \_\_\_\_\_ mm
9. 2.00 Mm \_\_\_\_\_ m
10. 5.42 kg \_\_\_\_\_ mg
11. 3664 g \_\_\_\_\_ cg
12. 9.98 mL \_\_\_\_\_ L
13. 8.23 dL \_\_\_\_\_ mL
14. 0.09 ML \_\_\_\_\_ hL
15. 0.54 m \_\_\_\_\_ km
16. 67.8 μm \_\_\_\_\_ cm
17. 28.0 g \_\_\_\_\_ kg
18. 0.03 mg \_\_\_\_\_ g
19. 89.0 kg \_\_\_\_\_ mg
20. 2.20 dam \_\_\_\_\_ cm
21. 19.0 L \_\_\_\_\_ mL
22. 0.019 kL \_\_\_\_\_ cL
23. 54.9 L \_\_\_\_\_ mL
24. 2.00 Mg \_\_\_\_\_ kg
25. 75.0 g \_\_\_\_\_ mg
26. 3.29 L \_\_\_\_\_ cL
27. 0.625 mm \_\_\_\_\_ μm
28. 10 μL \_\_\_\_\_ mL
29. 50 μg \_\_\_\_\_ g
30. 35.0 mg \_\_\_\_\_ kg
31. 2.90 kg \_\_\_\_\_ mg
32. 0.02 cg \_\_\_\_\_ dag