

Name: _____

Metric Conversions

mega M	kiLo k	hepto h	deca da	base unit	deci d	centi c	miLLi m	micro μ
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←	←	←	←	←	←	←	←	←
÷1000	÷10	÷10	÷10	÷10	÷10	÷10	÷10	÷1000
→	→	→	→	→	→	→	→	→
x1000	x10	x10	x10	x10	x10	x10	x10	x1000

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

- | | |
|------------------------------------|-------------------------------------|
| 1. 0.56 m _____ 56 _____ cm | 17. 28.0 g _____ 0.0280 _____ kg |
| 2. 45.0 m _____ 45.0 _____ m | 18. 0.03 mg _____ 0.00003 _____ g |
| 3. 32.3 cm _____ 0.323 _____ m | 19. 89.0 kg _____ 89000000 _____ mg |
| 4. 0.02 km _____ 2000 _____ cm | 20. 2.20 dam _____ 2200 _____ cm |
| 5. 25.6 dm _____ 0.0256 _____ hm | 21. 19.0 L _____ 19000 _____ mL |
| 6. 0.08 km _____ 8000 _____ cm | 22. 0.019 kL _____ 1900 _____ cL |
| 7. 12387 m _____ 12.387 _____ km | 23. 54.9 L _____ 54900 _____ mL |
| 8. 4000 μm _____ 4 _____ mm | 24. 2.00 Mg _____ 2000 _____ kg |
| 9. 2.00 Mm _____ 2000000 _____ m | 25. 75.0 g _____ 75000 _____ mg |
| 10. 5.42 kg _____ 5420000 _____ mg | 26. 3.29 L _____ 329 _____ cL |
| 11. 3664 g _____ 36.64 _____ cg | 27. 0.625 mm _____ 625 _____ μm |
| 12. 9.98 mL _____ 0.00998 _____ L | 28. 10 μL _____ 0.010 _____ mL |
| 13. 8.23 dL _____ 82300 _____ mL | 29. 50 μg _____ 0.050 _____ g |
| 14. 0.09 ML _____ 900000 _____ hL | 30. 35.0 mg _____ 0.000035 _____ kg |
| 15. 0.54 m _____ 0.00054 _____ km | 31. 2.90 kg _____ 2900000 _____ mg |
| 16. 67.8 μm _____ 0.00678 _____ cm | 32. 0.02 cg _____ 0.00002 _____ dag |