

- Metric-English Equivalents

PART I - Express the following in meters (m).

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|---------------|----------------|-----------------|
| 1. 742 cm = | 4. 7 856 km = | 7. 0.650 Å = |
| 2. 1 055 mm = | 5. 0.0075 cm = | 8. 0.00625 km = |
| 3. 6 000 Å = | 6. 0.251 mm = | 9. 11 dam = |

PART II - Express the following in centimeters (cm).

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| 10. 0.95 m = | 12. 0.075 km = |
| 11. 1.05 mm = | 13. 7500 Å = |

PART III - Express the following in grams (g).

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| 14. 152 kg = | 16. 0.500 kg = | 18. 20 160 mg = |
| 15. 0.074 kg = | 17. 765 mg = | 19. 925 cg = |

PART IV - Convert the following to the indicated unit.

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| 20. 14.7 cm = _____ mm | 24. 125 mL = _____ L |
| 21. 6.576 g = _____ mg | 25. 2.3 mm = _____ cm |
| 22. 9.37 L = _____ mL | 26. 62.5 g = _____ kg |
| 23. 0.034 kg = _____ mg | 27. 0.23 mL water = _____ cm ³ of |
| | 28. water = _____ kg of water. |

PART V - Convert the following to the indicated English unit.

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| 29. 20 m = _____ in. = _____ ft. |
| 30. 1270 cm = _____ in. |
| 31. 4.6 L = _____ qt. |
| 32. 227 g = _____ lb. |
| 33. 2.2 kg = _____ lb. |

PART IV - Convert the following to the indicated Metric unit.

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| 34. 1.5 in = _____ cm = _____ m = _____ mm |
| 35. 2.64 qt = _____ L |
| 36. 3.5 lb = _____ g = _____ mg = _____ kg |