

Metric Mania

Name _____

Conversion Challenge

Write the correct abbreviation for each metric unit.

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|-------------------|---------------------|---------------------|
| 1) Kilogram _____ | 4) Milliliter _____ | 7) Kilometer _____ |
| 2) Meter _____ | 5) Millimeter _____ | 8) Centimeter _____ |
| 3) Gram _____ | 6) Liter _____ | 9) Milligram _____ |

Try these conversions, using the ladder method.

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|----------------------|----------------------|-----------------------|
| 1) 2000 mg = _____ g | 6) 5 L = _____ mL | 11) 16 cm = _____ mm |
| 2) 104 km = _____ m | 7) 198 g = _____ kg | 12) 2500 m = _____ km |
| 3) 480 cm = _____ m | 8) 75 mL = _____ L | 13) 65 g = _____ mg |
| 4) 5.6 kg = _____ g | 9) 50 cm = _____ m | 14) 6.3 cm = _____ mm |
| 5) 8 mm = _____ cm | 10) 5.6 m = _____ cm | 15) 120 mg = _____ g |

Compare using <, >, or =.

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|----------------------|------------------|----------------------|
| 16) 63 cm ○ 6 m | 17) 5 g ○ 508 mg | 18) 1,500 mL ○ 1.5 L |
| 19) 536 cm ○ 53.6 dm | 20) 43 mg ○ 5 g | 21) 3.6 m ○ 36 cm |