

## Metric Mania

Name \_\_\_\_\_

### Conversion Challenge

Write the correct abbreviation for each metric unit.

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

Try these conversions, using UNIT ANALYSIS (show all work)

- |                      |                      |                       |
|----------------------|----------------------|-----------------------|
| 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 =.

- |  |                                      |  |
|--|--------------------------------------|--|
| 16) 63 cm <input type="radio"/> 6 m      | 17) 5 g <input type="radio"/> 508 mg | 18) 1,500 mL <input type="radio"/> 1.5 L |
| 19) 536 cm <input type="radio"/> 53.6 dm | 20) 43 mg <input type="radio"/> 5 g  | 21) 3.6 m <input type="radio"/> 36 cm    |