 Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Metric Conversions**

**Fill in the boxes in the stair step diagram.**



**Try these conversions using the ladder method.**

1000 mg = \_\_\_\_\_\_\_ g 1 L = \_\_\_\_\_\_\_ mL 160 cm = \_\_\_\_\_\_\_ mm

14 km = \_\_\_\_\_\_\_ m 109 g = \_\_\_\_\_\_\_ kg 250 m = \_\_\_\_\_\_\_ km

**Compare using <, >, or =.**

 56 cm 6 m 7 g 698 mg

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 Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Metric Conversion Practice**

**Write the correct abbreviation for each metric unit.**

|  |  |
| --- | --- |
| 1) Kilogram \_\_\_\_\_ 4) Milliliter \_\_\_\_\_  | 7) Kilometer \_\_\_\_\_  |
| 2) Meter \_\_\_\_\_ 5) Millimeter \_\_\_\_\_  | 8) Centimeter \_\_\_\_\_  |
| 3) Gram \_\_\_\_\_ 6) Liter \_\_\_\_\_ **Try these conversions, using the ladder method.**  | 9) Milligram \_\_\_\_\_  |
| 10) 2000 mg = \_\_\_\_\_\_\_ g 15) 5 L = \_\_\_\_\_\_\_ mL  | 20) 16 cm = \_\_\_\_\_\_ mm  |
| 11) 104 km = \_\_\_\_\_\_\_ m 16) 198 g = \_\_\_\_\_\_\_ kg  | 21) 2500 m = \_\_\_\_\_\_ km  |
| 12) 480 cm = \_\_\_\_\_ m 17) 75 mL = \_\_\_\_\_ L  | 22) 65 g = \_\_\_\_\_ mg  |
| 13) 5.6 kg = \_\_\_\_\_ g 18) 50 cm = \_\_\_\_\_ m  | 23) 6.3 cm = \_\_\_\_\_ mm  |
| 14) 8 mm = \_\_\_\_\_ cm 19) 5.6 m = \_\_\_\_\_ cm **Compare using <, >, or =.**  | 24) 120 mg = \_\_\_\_\_ g  |

1. 63 cm 6 m 27) 5 g 508 mg 29) 1,500 mL 1.5 L
2. 536 cm 53.6 dm 28) 43 mg 5 g 30) 3.6 m 36 cm

**Challenge: Create three conversion problems for your classmates along with the correct answers.**

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