

## 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 the ladder method.

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 ○ 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

Name: \_\_\_\_\_ Date: \_\_\_\_\_

### Measurement Conversions [Metric to Metric]

1. 3.68 kg = \_\_\_\_\_ g
2. 568 cm = \_\_\_\_\_ m
3. 8700 ml = \_\_\_\_\_ l
4. 25 mg = \_\_\_\_\_ g
5. 0.101 cm = \_\_\_\_\_ mm
6. 250 ml = \_\_\_\_\_ l
7. 600 g = \_\_\_\_\_ kg
8. 8900 mm = \_\_\_\_\_ m
9. 0.000004 m = \_\_\_\_\_ mm
10. 0.250 kg = \_\_\_\_\_ mg