

## 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

## Metric Mania Answer Keys

### Conversion Practice

NOTE: See overhead copy for the staircase boxes.

- 1000 mg = 1 g
- 160 cm = 1600 mm
- 109 g = 0.109 kg
- 1 l = 1000 ml
- 14 km = 14000 m
- 250 m = .250 km
- 56 cm < 6 m
- 7 g > 698 mg

### Conversion Challenge

1. kg
2. m
3. g
4. ml
5. mm
6. l
7. km
8. cm
9. mg

1. 2 g
2. 104000 m
3. 4.8 m
4. 5600 g
5. .8 cm
6. 5000 ml
7. 0.198 kg
8. 0.075 l
9. 0.5 m
10. 560 cm
11. 160 mm
12. 2.5 km
13. 65000 mg
14. 63 mm
15. 0.12 g

16. <
17. >
18. =
19. =
20. <
21. >