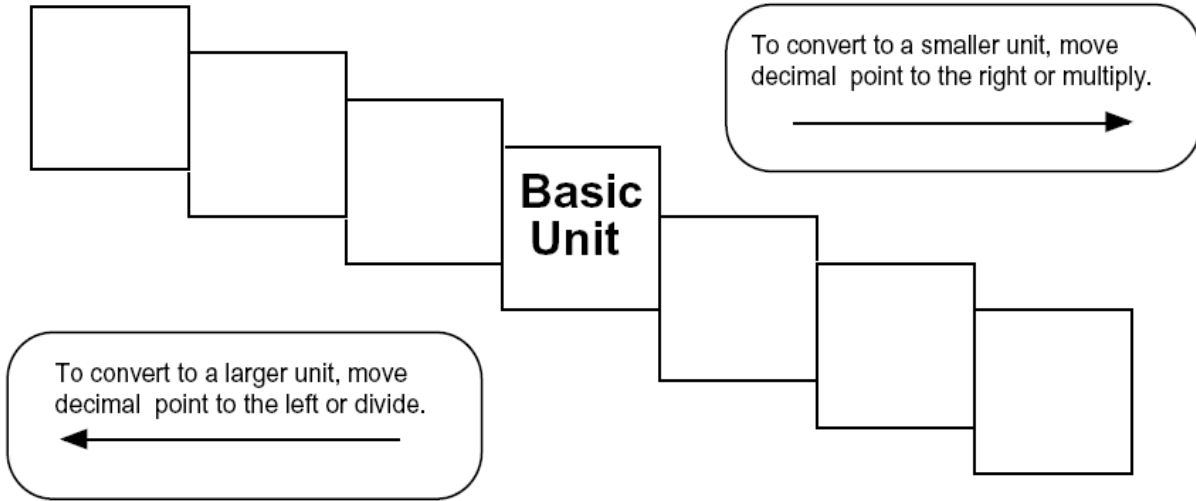


Metric Mania

Metric Conversions

Name _____

Fill in the boxes in the stair step diagram.



Try these conversions using the ladder method.

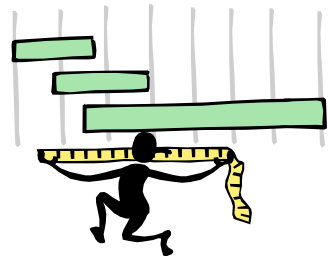
1000 mg = _____ g 1 L = _____ mL 160 cm = _____ mm

14 km = _____ m 109 g = _____ kg 250 m = _____ km

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

56 cm ○ 6 m

7 g ○ 698 mg



Metric Mania

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 _____

9) Milligram _____

Try these conversions, using the ladder method.

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

24) 120 mg = _____ g

Compare using <, >, or =.

25) 63 cm ○ 6 m

27) 5 g ○ 508 mg

29) 1,500 mL ○ 1.5 L

26) 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.