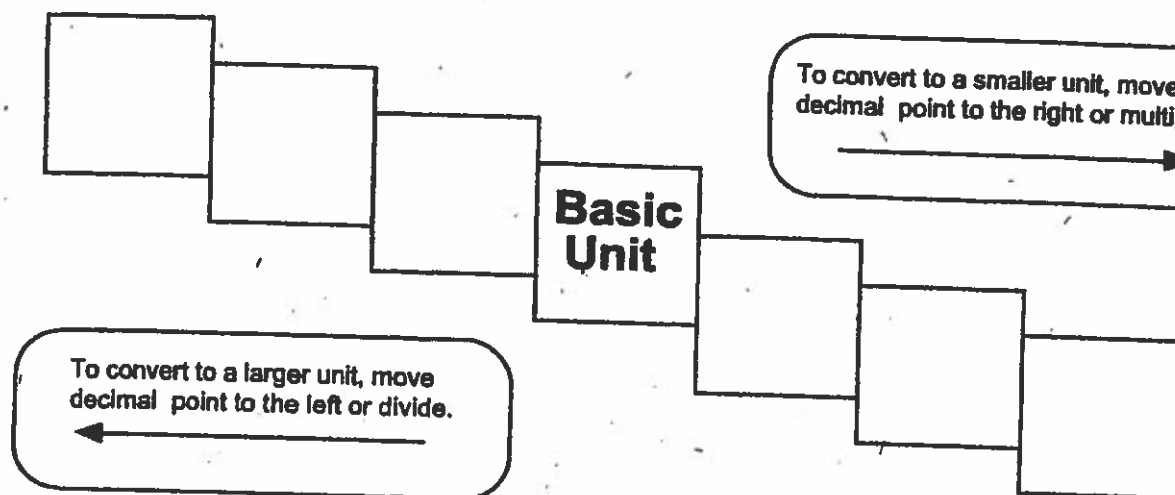


Metric Mania Conversion Practice

Name _____



Try these conversions, using the ladder method.

$$1000 \text{ mg} = \underline{\hspace{2cm}} \text{ g}$$

$$1 \text{ L} = \underline{\hspace{2cm}} \text{ mL}$$

$$160 \text{ cm} = \underline{\hspace{2cm}} \text{ mm}$$

$$14 \text{ km} = \underline{\hspace{2cm}} \text{ m}$$

$$109 \text{ g} = \underline{\hspace{2cm}} \text{ kg}$$

$$250 \text{ m} = \underline{\hspace{2cm}} \text{ km}$$

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

$$56 \text{ cm} \bigcirc 6 \text{ m}$$

$$7 \text{ g} \bigcirc 698 \text{ mg}$$

Conversion Challenge

Write the correct abbreviation for each metric unit.

1) Kilogram _____

2) Meter _____

3) Gram _____

4) Milliliter _____

5) Millimeter _____

6) Liter _____

7) Kilometer _____

8) Centimeter _____

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 m17) 5 g 508 mg18) 1,500 mL 1.5 L19) 536 cm 53.6 dm20) 43 mg 5 g21) 3.6 m 36 cm