

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
- 2) 104 km = _____ m
- 3) 480 cm = _____ m
- 4) 5.6 kg = _____ g
- 5) 8 mm = _____ cm
- 6) 5 L = _____ mL
- 7) 198 g = _____ kg
- 8) 75 mL = _____ L
- 9) 50 cm = _____ m
- 10) 5.6 m = _____ cm
- 11) 16 cm = _____ mm
- 12) 2500 m = _____ km
- 13) 65 g = _____ mg
- 14) 6.3 cm = _____ mm
- 15) 120 mg = _____ g

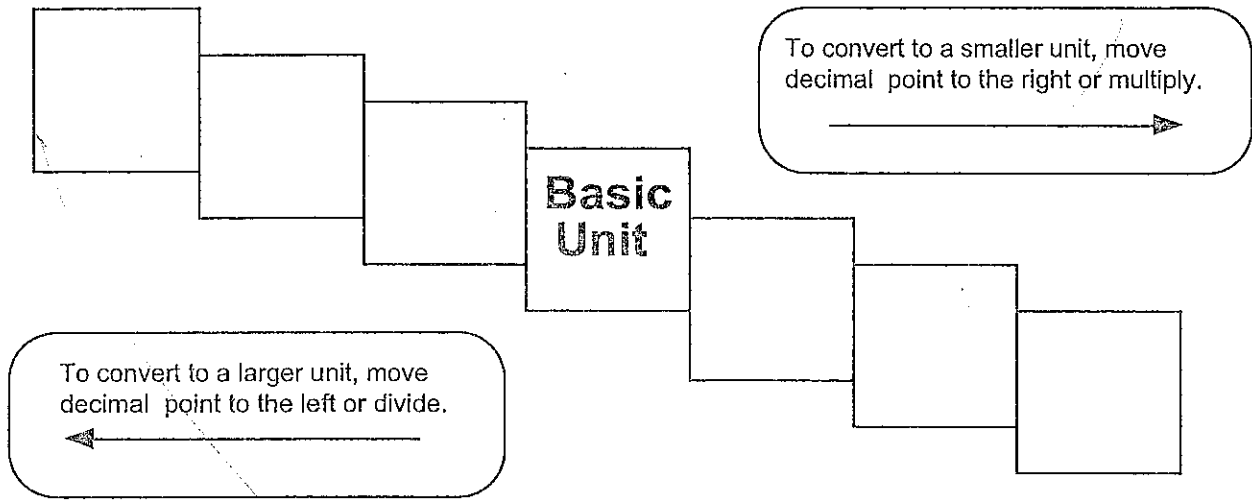
Compare using <, >, or =.

- 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

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 $=$.

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

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