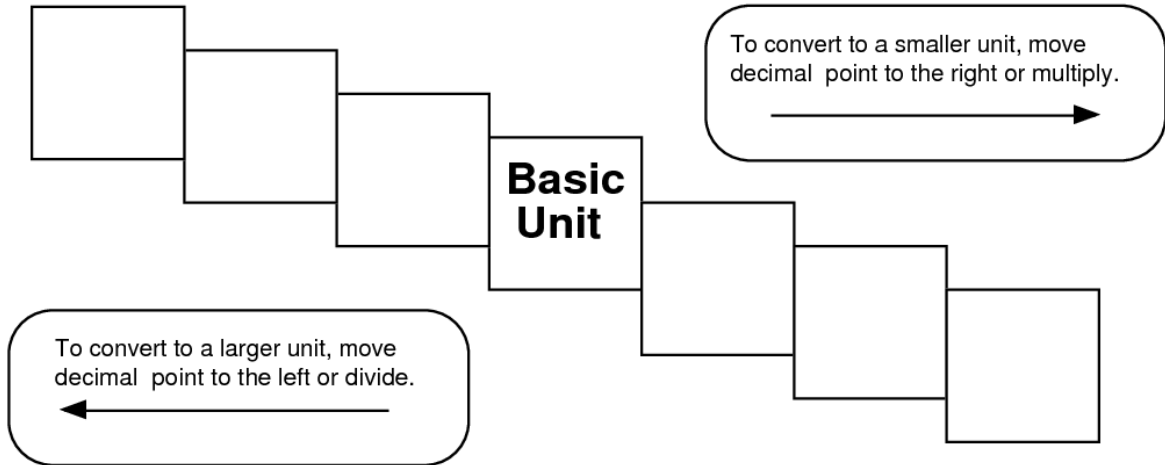


Name _____ # _____

Date _____ Pd. _____

Metric Conversions Worksheet



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 $=$.

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

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

1 a. 6.52 L = _____ ml

1 b. 2.42 kg = _____ g

2 a. 3.167 L = _____ ml

2 b. 1,940.8 g = _____ kg

3 a. 731.2 cm = _____ m

3 b. 1,759.2 ml = _____ L

4 a. 1.786 kg = _____ g

4 b. 5.674 kg = _____ g

5 a. 7,751.1 dm = _____ hm

5 b. 928.2 mg = _____ g

6 a. 79.56 cm = _____ m

6 b. 7,923,575.67 ml = _____ kl

7 a. 0.4 hg = _____ cg

7 b. 1,230.8 g = _____ kg

8 a. 4,128,334.06 mg = _____ kg

8 b. 7,887.51 m = _____ km

9 a. 29.9 dg = _____ g

9 b. 1.87 dam = _____ m

10 a. 7.127 kl = _____ ml

10 b. 422.1 m = _____ km