

NAME \_\_\_\_\_ DATE \_\_\_\_\_ PERIOD \_\_\_\_\_

# METRIC CONVERSION

Fill in the missing units of the metric scale, the abbreviations, and/or the number of units represented.

( )  
1000 units

multiply.  
Hecto ( )

(da)

To convert to smaller unit, move decimal point to the right, or

EX: 6 dag = \_\_\_\_\_ mg

K H D G D C M

EX: 723 cm = \_\_\_\_\_ m

K H D M D C M

EX: 4.8 L = \_\_\_\_\_ kL

K H D L D C M

**Meter** (Length) m  
**Gram** (Weight) g  
**Liter** (Capacity) L

.1 unit ( )

Centi ( )

To convert to a larger unit, move decimal point to the left or divide.

(m)

- What unit of measure would I use to determine the perimeter of the classroom?
- What unit of measure would I use to determine how much water is used in one of the aqua exhibits at the Georgia Aquarium?
- Give me a scenario in which you would measure with milligrams. \_\_\_\_\_

4. Write the correct abbreviation for each metric unit.

Kilogram	Milliliter	Kilometer
Meter	Millimeter	Centimeter

5. Try these conversions using the ladder method.

2000 mg = _____ g	6.3 cm = _____ mm	104 km = _____ m
480cm = _____ m	5.6 m = _____ km	12mg = _____ g