

## Converting Metric Measures

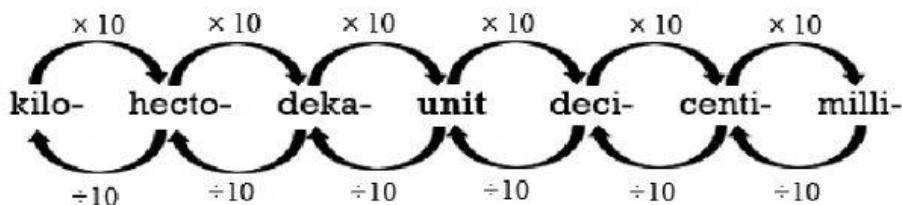
\*When changing from a smaller unit to a larger unit, you **divide**.

\*When changing from a larger unit to a smaller unit, you **multiply**.

Metric Units of Length: meter (m)

Metric Units of Mass: gram (g)

Metric Units of Capacity: liter (L)



Use the conversion chart above to convert each unit to the specified unit.

1)  $3.28 \text{ km} = \underline{\hspace{2cm}} \text{m}$

4)  $3 \text{ cm} = \underline{\hspace{2cm}} \text{mm}$

2)  $4912 \text{ g} = \underline{\hspace{2cm}} \text{kg}$

5)  $340 \text{ cm} = \underline{\hspace{2cm}} \text{m}$

3)  $\underline{\hspace{2cm}} \text{L} = 3000 \text{ mL}$

6)  $\underline{\hspace{2cm}} \text{g} = 3.4 \text{ kg}$

Please put a check next to the value that is the greatest.

1 kg	3 km	7090 g	3 L
1300 g	500 m	7200 g	2300 mL
950 g	3040 m	7 kg	1950 mL

Complete the following problems. Go back up and use the conversion chart if you need to.

1) The length of the bar for a high jump competition must always be 4.75 m. Express this measurement in millimeters.

2) Ms. Ramirez is usually home at 5:15 from work. Her dinner is usually ready by 5:42. How many seconds after she gets home is her dinner ready?

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