

Metric Mania!!!

What is the mnemonic that we use to remember the order of the staircase?

Draw the metric staircase:

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 $=$: 56cm 6m 7g 698mg

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Write the abbreviation for each metric unit and tell if it measures mass, length, or volume

1) Kilogram _____

4) Milliliter _____

7) Kilometer _____

2) Meter _____

5) Millimeter _____

8) Centimeter _____

3) Gram _____

6) Liter _____

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 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 36cm

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