



To convert metric units...

1. Identify the metric prefix you are starting with.
2. Identify the metric prefix you are ending with.
3. Determine how many decimal places you are moving either left or right. (Use the chart above)

OR

Determine the number of 10's you are either multiplying or dividing by. (Use chart above)

When converting from larger to smaller units, multiply by the number of 10's.

When converting from smaller to larger units, divide by the number of 10's.

Convert. Liter/base milli

1 8 L = 8,000 mL

KHDBDCM
right 3 →

8000

2 750 cm = 7,500 mm

KHDBDCM
right 1 →

7500

3 450 cg = 4.5 g

KHDBDCM
left 2 ←

450

4 738 mm = 7.38 dm

KHDBDCM
left 2 ←

7.38

5 9.2 kg = 9,200 g

KHDBDCM
right 3 →

9200

6 27,500 mL = 2.75 daL

KHDBDCM
left 4 ←

27,500

Compare. Write <, >, or =.

7 48,000 g = 48 kg to g

KHDBDCM
right 3 →

48,000 g = 48,000 g

8 340 L > 340 dL to L

KHDBDCM
left 1 ←

340 L

9 95 hm < 95,000 m to hm

KHDBDCM
left 2 ←

95,000