

Name Key

PROBLEM SET #1

Conversion Challenge

Write the correct abbreviation for each metric unit.

1) Kilogram kg

4) Milliliter mL

7) Kilometer km

2) Meter m

5) Millimeter mm

8) Centimeter cm

3) Gram g

6) Liter L

9) Milligram mg

KHD @ dcm

Try these conversions, using the ladder method.

1) 2000 mg = 2 g

6) 5 L = 5000 mL

11) 16 cm = 160 mm

2) 104 km = 104000 m

7) 198 g = .198 kg

12) 2500 m = 2.5 km

3) 480 cm = 4.8 m

8) 75 mL = .075 L

13) 65 g = 65000 mg

4) 5.6 kg = 5600 g

9) 50 cm = 0.5 m

14) 6.3 cm = 63 mm

5) 8 mm = 0.8 cm

10) 5.6 m = 5600 cm

15) 120 mg = 0.12 g

KHD @ dcm

Compare using <, >, or =.

16) 63 cm < 6 m
.63 m

17) 5 g > 508 mg
.508 g

18) 1.500 mL = 1.5 L

19) 536 cm = 53.6 dm
536 cm

20) 43 mg < 5 g
.043 g

21) 3.6 m > 36 cm