

Metric Conversion Worksheet # 1a (*Chem One*)

1. Changed the following measurements to grams.

1) 265 mg

2) 101.13 cm³

2) 5.1 hg

3) 2.1 mL

3) 23.25 µg

4) 5.6 µL

2. Change the following into Liters.

1) 765 dL

5. Four people measured the perimeter of a room. The measurements are given below. What is the perimeter of the room in hectometers?

Side 1 = 4.203 m

Side 2 = 6297 mm

Side 3 = 76.65 dm

Side 4 = 1.005 dam

2) 9.1 mL

3) .25 hL

6. A block of granite has the measurements of .25 hm X 1.71dm X .045 km.

1) What is the volume of the block of stone in dm³?

3. Change the following into Centimeters.

1) 65 nm

2) 8.84 dam

3) 40.1 km

4. Change the following in dm³.

1) 5.25 L

7. How many hectometers are in .65 miles?