

Name_____ Period_____

Metric Conversions – SHOW YOUR WORK & CIRCLE YOUR ANSWER!!

1) Convert **83cm** to **m**.

Ans: .83 m

2) Convert **0.0459 L** to **mL**.

Ans: 45.9 ml

3) Change **3546 dg** to **g**.

Ans: 354.6 g

4) Express **1123 mg** in **g**.

Ans: 1.123 g

5) Change **0.643 ks** to **s**.

Ans: 643 s

6) Express **865 km** in **m**.

Ans: 865,000 m

7) Which is the larger volume, **1351 mL** or **146 cL**?

Hint: Show work for two problems. Change both to liters.

8) Which is the smaller mass, **285.1 cg** or **23.78 dg**?

Hint: Show work for two problems. Change both to grams

9) Which is the longer length, **175.6 mm** or **38.4 cm**?

Hint: Show work for two problems. Change both to meters.