

Name _____

Metric Conversions

Directions: Convert each of the given measurements to the unit requested, show all work. The first two are done for you.

1. 360 g to mg

$$1. \frac{360g}{1} \times \frac{1000mg}{1g} = 360000mg$$

2. 41.5 mg to g

$$2. \frac{41.5mg}{1} \times \frac{1g}{1000mg} = .0415g$$

3. 0.00238 cg to g

4. 13.52 g to kg

5. 10.014 kg to cg (need three steps)

6. 281 mL to L

7. 14.28 m to km

8. 6.58 cm to mm

9. 18.05 m to cm

10. 4.305 L to mL

11. 28.5 mL to L

12. 30.2 mL to μ L (need three steps)