

Dimensional Analysis 2

Name _____

Period ____ Date _____

Use dimensional analysis to solve the following problems. Show all work, include units, and circle your answers.

1. Convert 6.54 meters to centimeters

2. Convert 0.325 kg to g

3. Convert 0.00678 ns to μs (microseconds)

4. Convert 72.58 mL to cm^3

5. Convert 130 m^3 to cm^3

6. Convert 22.4 mL to cL

7. Convert 32 milligrams to kilograms

8. Convert 75 m³ to kL

9. Convert 0.03 m/s to mm/s

10. Convert 23 kg/m³ into g/mL