## Density Calculations

 A solution has a mass of 6.5g and a volume of 34mL. What is the density?

6.50 = 0.19 3/re

2. A block of wood has a volume of 5.6cm³ and a mass of 23.4g. What is the density?

23.49 = 4.20 5.6 cm3 = 4.20

3. A liquid has a density of 83.4 g/mL and a volume of 3.0L. What is the mass of the liquid?

3.0L × 1000 ml x 83.40 -1L 1L 2.5 ×105

> 4. A solid object has a mass of 79.34g and a density of 9.4g/cm<sup>3</sup>. What is the volume of the object?

79.349 × 1cm = 8.4 cm3