















































## **QUESTION**

Which would provide more grams of NaCl, sample one with a mass of 2,350 mg, or sample two, a solid with a volume of 2.00 cm<sup>3</sup>? (The density of solid salt is 2.16 g/cm<sup>3</sup>.) Select the most massive sample and its mass in grams.

- A. Sample two; 1.08 grams
- B. Sample two; 4.32 grams
- C. Sample one; 2.35 grams
- D. Sample one; 2.350 grams

## **QUESTION**

The volume of any material can be obtained from its density and mass.

If the mass of a sample of acid from a battery were 5.00 grams and its density was 1.2 g/mL, what would the correct reported volume in mL with the proper number of significant digits?

- A. 6.0 mL B. 6.00 mL
- C. 4.2 mL
- D. 4.17 mL

















