3. A sample of alcohol has density 0.785 g/mL. Calculate the *volume* of 50.0 g of the alcohol. Calculate the *mass* of 50.0 mL of the alcohol

4. A term that is easily confused with density is *specific gravity*. For example, urinalysis reports commonly give the specific gravity of the sample rather than the density. What is specific gravity? What are the units of specific gravity?

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