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Preparing a solution of known concentration

Laboratory Details

Now that you're able to calculate molarity and know volumes and concentrations, let's take a look at what you will do in lab.

1). Preform calculations to determine how many grams of your assigned samples you need to weigh out to pepare 100mL of a 0.1M solution

See the previous page for help!!

2). Actually weigh out the amount of material you need for each solution. The video below will show you how to accurately weigh out solid chemicals.

[http://www.youtube.com/watch?v=7xiJSpSdYQE&feature=player_embedded]

3.) Next you will dissolve your solid chemical in the appropriate solvent.

Check To Make Sure You Use The Appropriate Solvent!!

Using the video below, try and answer the following questions.

[http://www.youtube.com/watch?v=ImqBjleUxbQ&feature=player_embedded]

4). You have now made a solution!!