

pen/pencil
↓
white out!

* Just bring Lab sheets + graph paper + pencil/pen.

→ Notify dx!

Gets in the way!

#3

Your Name Here
Partner's Name Here

Title: The title of the lab goes here.

Objective: The purpose or objective of the lab goes here.

Background: Background information on this lab goes here. This might include warnings on various chemicals used in the lab, procedural demonstrations, diagrams of the lab set-up, class notes related to the lab, or helpful hints for the lab. Leave some space for this section. This section will be filled out on the actual lab day. How much room depends on the lab. A good rule of thumb is 3-4 vertical inches. When in doubt ask your teacher.

* Anything that helps do Lab

or day #11

Equipment: List the equipment you will use in this particular lab. Two columns is standard. It is just a list.

Procedure: Sometimes procedure is called protocol. Sometimes it is called methodology, or just method. You pick. In most cases you will need to write "Same as lab directions." However, if your teacher makes some changes, they should be noted here. Usually, there are changes.

Data: This is a table. This table displays your data and sometimes your results. A table is boxed in, and all lines on any lab are made with the use of a ruler. Don't forget this. A table for the first lab might look like this:

Lab Technique	Teacher Sign
Bunsen Burner Lighting	
Massing Techniques	
Filtration setup and technique	

Needs to be done Lab BY day

Observations might also be a part of a data table. Observations after all, are pieces of data.

Calculations: All calculations should be properly labeled. Techniques used in making calculations should be clearly stated. Remember your rules for significant figures. A rule of thumb is that if you are pushing buttons on your calculator to calculate some quantity, you must show your work.

Words ÷ # - unit

mass of container 29.39 g

Graphs: no graphs for this lab.

Graphs: If there are graphs, insert them here. Don't staple them at the end of your lab report. They don't go there. The order in this format must be followed. Don't rearrange things. You will lose points.

Questions: Most labs have a set of conclusion questions. Answer them all. Leave space between each question. Write in complete sentences. Grammar counts. Spelling counts. Don't leave any question unanswered. Points double for anything left blank. If you need a hint, ask your teacher. Most of the time answers have already been discussed. Check your notes.

Conclusion: Here you should discuss the lab in some detail. This is not just one little paragraph. It is a discussion of the lab. What problems did you run into during the lab? How were they resolved? What surprised you? What questions do you have? You should discuss sources of error in the lab. All labs have some error. Some errors might be procedural. Some errors might be systematic. You might also want to discuss the uncertainty in your measurements. Every measurement has some degree of uncertainty. A measurement with a ruler might give a value of 2 cm +/- .1 cm. The measurement is uncertain. The measurement could be anywhere from 2.1 cm to 1.9 cm. Write a little bit at the end explaining if the objectives in the beginning of the lab were achieved or not.

A lab report is like a formal paper in science.
Treat it like this.
This should be your best work.

* Don't leave things blank!!