

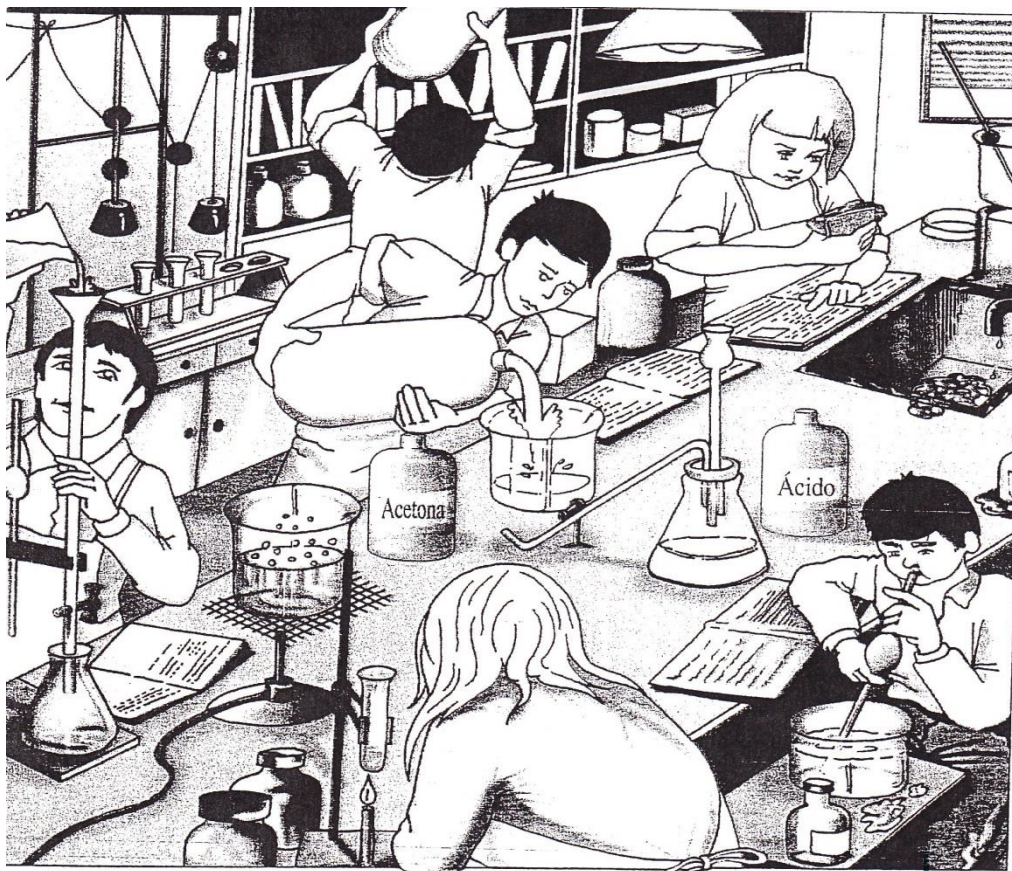
PRACTICE 1. SAFETY RULES IN THE LABORATORY

- Each group will be responsible for their working area and material.
- In the Laboratory we must not push, neither move violently.
- Don't wear clothes or devices that could limit your mobility.
- Eating and drinking are absolutely forbidden.
- Before leaving the Lab every group must clean their zone and the materials they have used.
- Before using a chemical, make sure it is the right one.
- Don't put the remainder of a chemical back to its bottle.
- Be careful when washing the tools you used in the practices. Open the tap and leaving the water run!
- Don't touch the chemicals with your hands (and of course with your mouth)!
- Acids and bases require a special care. They are usually corrosive.
- Flammable products must not be near to heat sources.
- If you get splashed with an acid or corrosive product, clean yourself immediately with an abundance of water and call your teacher.
- If you have to mix acid and water, add the acid over the water and not the opposite way.
- If you prepare a solution, place it in a clean container, conveniently marked.
- Hot glass looks apparently just like cold glass. To prevent burns leave it cool down before you touch it.
- Be very careful with glassware. It is very fragile.
- If necessary, use safety goggles and gloves.
- Use funnels to transfer liquids.
- To smell a substance, fan the vapour toward your nose.
- To heat a test tube, pick it up with a wooden clamp, incline it and move the flame close to its central part, never the base. Don't point the mouth of the tube at anyone or yourself.
- Pay attention to the hazard pictograms on the labels of chemical products.

Indicate the wrong actions and explain the dangers they can involve:

- Heating a tube full of alcohol directly with a flame and face it towards a classmate....
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- Stacking flammable material near a fire.....
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- Handling the material with your bare hands when it was just heated.....
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- Eating in the laboratory.....
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- Leaving the bottles of the products uncovered
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Form a work group and try and discover what is wrong according to the safety rules in the image below:



Write down a list of the risks you have found in the picture:

After sharing with the rest of the groups the dangers you have found, write down those your group didn't discover:
