

Use with textbook pages 8–15.

What is wrong with this picture?

There are many unsafe situations in the science lab shown below. In the first column of the chart, identify seven unsafe situations. In the second column, describe an injury that might occur as a result of each situation.



Unsafe situation	Possible injury
1.	
2.	
3.	
4.	
5.	
6.	
7.	

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Safety do's and don'ts

Each of the following situations could happen in a science classroom. Describe the unsafe practices and explain what should be done.

1. You mix two chemicals and notice that a bright yellow gas is produced. You were told to make some observations, so you hold the beaker up close to your face so you can see the gas and smell the fumes.

Unsafe practice: _____

Correct thing to do: _____

2. Your partner's shirt catches on fire while using the Bunsen burner. You tell your partner to stay still while you run to get a cup of water from the sink to put out the fire.

Unsafe practice: _____

Correct thing to do: _____

3. After finishing a lab, you have some chemicals left over. You do not want to waste them, so you carefully pour them back into the container you got them from.

Unsafe practice: _____

Correct thing to do: _____

4. You accidentally spill some water on the classroom floor. You leave it because it is only water and it will quickly evaporate.

Unsafe practice: _____

Correct thing to do: _____

5. You were talking with your partner and did not hear the teacher's instructions on how to do the lab. You figure that it will be okay if you and your partner copy what everybody else is doing.

Unsafe practice: _____

Correct thing to do: _____

6. You need to use some copper (II) sulfate, which is a blue liquid. You go to the shelf and find a flask with blue liquid in it and use that. There is no label on the flask, but it is the only one with a blue liquid in it.

Unsafe practice: _____

Correct thing to do: _____