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# **Safety Video Quiz**

## **LibreTexts page:** [**Safety**](https://chem.libretexts.org/Courses/University_of_Arkansas_Little_Rock/Chem_1402%3A_General_Chemistry_1_(Belford)/Laboratory/002%3A_Safety)

## [**https://chem.libretexts.org/link?216015**](https://chem.libretexts.org/link?216015)

Watch the [lab safety video](https://chem.libretexts.org/Courses/University_of_Arkansas_Little_Rock/Chem_1402%3A_General_Chemistry_1_(Belford)/Laboratory/002%3A_Safety#Safety_Video) and answer the following questions. At the end of the video you will have a couple of minutes to discuss your answers with your group members and then each student needs to turn in their own assignment.

1. Pour chemicals from large reagent bottles into \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ before measuring.
2. Read and \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_a chemical label before using the chemical.
3. When diluting an acid, always add \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ to \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.
4. Work with volatile chemicals under a \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.
5. Use a \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ or\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_to draw liquid into a pipet.
6. Strike matches \_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ your body.
7. Move test tubes back and forth at an \_\_\_\_\_\_\_\_\_\_\_\_\_\_while heating.
8. Hold hot glassware with \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_or \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.
9. When inserting lubricated glass tubing into stopper, protect your hands with \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.
10. Always protect your eyes with \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ when working in the laboratory.
11. Stand on a \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_if you need to reach.
12. Rinse chemicals from your eyes in an \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.
13. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_clothing on the way to the safety shower.
14. Extinguish small fires in containers by \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_them.
15. Put out clothing fires in a \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

**True (T) of False (F)? Use the boxes for your answers (just put T or F).**

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|  | Hold bottles with your hand over the label while pouring. |
|  | Immediately wipe up any water spills. |
|  | When lighting a Bunsen burner, first turn on the gas, then strike your match. |
|  | Check glassware for stars and cracks. |
|  | Shake laboratory thermometers down before using. |
|  | Carefully scoop up mercury from a broken thermometer with a piece of paper. |
|  | If you do not have an inserter, lubricate glass tubing before inserting it through a stopper. |
|  | Balance a centrifuge by placing test tubes containing equal masses opposite each other. |
|  | Wear closed leather shoes to protect your feet. |
|  | Remove rings and watches before working in the laboratory. |