

Blood Spatter Station (Blood Spatter 1)

The spatter below was found on the floor behind the counter. Identify the type of impact that would cause this type of blood spatter and the angle of impact of a droplet sampled from this impact.



Below is a closeup from blood spatter 1. What is the angle of impact?

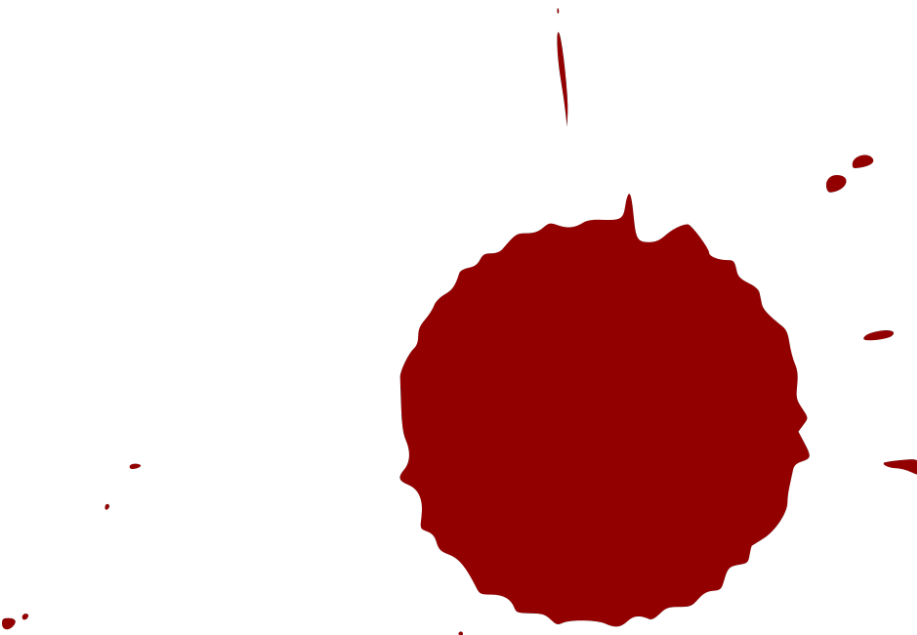


Blood Spatter Station (Blood Spatter 2)

The spatter below was found on the front door of the store. The center of the spatter is located 5' above the floor. Identify the type of impact that would cause this type of blood spatter and the angle of impact of a droplet sampled from this impact.



Below is a closeup from blood spatter 2. What is the angle of impact?



Chromatography Station

Unfortunately, we could not actually obtain vials of different black inks to make this part of the exam a true mystery ink identification. As such, the 4 ink "samples" used will be sourced from pens for practical purposes.

The 4 ink samples taken from the suspects are labeled accordingly. Perform the chromatography analysis on all four pens. Attach the chromatographs to your exam, and be sure to **clearly mark which ink is being tested on each chromatograph**. You may use individual strips or conduct all tests on a larger sheet.

Chromatography paper, beakers, and solvent are provided. **Please use only 1 beaker and return it at the end of the examination period. Please make sure to return the pens to the area indicated once you are finished with them.**

PLEASE RETURN
PENS TO STATION