

# Blood Spatter 101

Name \_\_\_\_\_

## Part A: Watch the BLOOD SPATTER 101 video to help you complete this section.

1. What does BPA represent? \_\_\_\_\_
2. What are the three types of blood patterns? Drag the pictures to the type each represents.  
\_\_\_\_\_ (or drip) stains occur when gravity pulls blood downward to the surface.  
\_\_\_\_\_ stains occurs when a bloody object comes in contact with another object or surface; appears as smears or stripes.  
\_\_\_\_\_ (or \_\_\_\_\_) patterns occur when a force is applied to a bloody object or pool; may be classified as high, medium or low velocity.
3. What can the shape and size of a droplet tell us? \_\_\_\_\_

## Part B: Watch the BLOOD SPATTER BASICS video to help you complete this section.

1. The trainers created \_\_\_\_\_ scenes using \_\_\_\_\_ blood to help police officers learn how to investigate crime scenes with blood evidence.
2. The height of the drop and the speed it is traveling affect the \_\_\_\_\_ and \_\_\_\_\_ of the blood droplets.
3. True or False? Use T for TRUE or F for FALSE  
\_\_\_\_ Blood evidence follows a definite pattern that can be applied to every crime scene.  
\_\_\_\_ Popular CSI television shows are an accurate representation of how investigators analyze real crime scenes.  
\_\_\_\_ Blood evidence is easy to analyze and always tells investigators who is responsible for the crime.
4. The trainer reminds the investigators that what they can't \_\_\_\_\_ they can't \_\_\_\_\_ in a case or court of law.

**Part C: What else can an examiner learn from blood spatter analysis?**

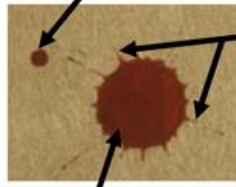
**Part D: How is blood evidence detected at a crime scene? Fill in the chart with descriptions each technique or substance.**

<b>Light Sources</b>	
<b>Blood Reagent</b>	
<b>Luminol</b>	
<b>Fluorescein</b>	
<b>LCV</b>	

**Part E: Bloodstain Pattern Analysis Terms**

Bloodstains created from the application of force to the area where the blood originated.

The place from where the blood spatter came from or originated.



Small drops that break off from the main droplet

The pointed edges of a stain that radiate out from the spatter

Droplet from which a satellite spatter originates.