



Ernie's Exit

Blood Typing Lab Activity

Name _____

A small pool of blood and a weapon was found near a garbage dumpster. After examining the area, the CSI on the scene discovered a body in the garbage dumpster and identified him as Earnest "One-Eyed" Earl. Earl had a wound to his chest that will be analyzed by the medical examiner.

The CSI tested blood samples from the blood pool and the weapon at the crime scene. It was determined that it was human blood, but he needs to know the blood type to help identify if it was from the victim or the person who murdered him. He has identified three suspects that either knew the victim or were seen in the area before the body was discovered. He would like to question them further while he waits for DNA test results.




Complete the chart using the class notes.




Clumping = + (Positive)
No Clumping = - (Negative)




Type	Reactions w/ Anti-A Serum	Reactions w/ Anti-B Serum
A		
B		
AB		
O		




Rh Serum = Clumping = Rh+ blood




Lab Results - Follow your teacher's directions to complete the lab. Remember to be careful to prevent cross-contamination of the blood samples! Record the results (+ or -) from each group in the trays below.




A		Rh
B		
Suspect #1: Bobby "Baby" Brooks Blood Type: ____		

A		Rh
B		
Suspect #2: "Slim" Jim Snoot Blood Type: ____		

A		Rh
B		
Suspect #3: Barbie "Doll" Jones Blood Type: ____		

A		Rh
B		
Victim Ernest "One-Eyed" Earl Blood Type: ____		

A		Rh
B		
Crime Scene Sample Blood Type: ____		

A		Rh
B		
Weapon Sample Blood Type: ____		

Conclusion

What do your results show?

What should investigators do next?