

Detective's Casebook Worksheet

Test 1 — Blood Analysis

Blood Sample	Anti-A Serum	Anti-B Serum	Blood Type
Crime scene			
Person V			
Person W			
Person X			
Person Y			
Person Z			

Looking at the blood analysis data in the table above, who may have been involved in the abduction of Priscilla, if anyone? Does it show that someone may not have been involved?

Test 2 — Ink Analysis (Paper Chromatography)

Suspect	Comment Card Ink Match
Danny Daschund	
Patty Pfluger	
Sherri Showoff	
Brandon Barker	
Pat Poodle	

Consider the ink (chromatography) analysis data in the table above. Which suspects may have been involved in the abduction of Priscilla based on the pen (ink) used on the Plaintiff Pooch Parlor Comment Card?

Name: _____

Test 3 — Handwriting Analysis

Suspect	Comment Card Handwriting Match
Danny Daschund	
Patty Pfluger	
Sherri Showoff	
Brandon Barker	
Pat Poodle	

Looking at the handwriting analysis data in the table above, which suspects may have been involved in abduction of Priscilla based on the comment written on the Plaintiff Pooch Parlor Comment Card? Explain.

Test 4 — Fingerprint Analysis

Suspect	Crime Scene Fingerprint Match
Danny Daschund	
Patty Pfluger	
Sherri Showoff	
Brandon Barker	
Pat Poodle	

Looking at the fingerprint analysis data in the table above, which suspects may have been involved in the abduction of Priscilla based on the fingerprint found on the cup left at the Plaintiff Pooch Parlor?

Post-Lab Questions *(Use a separate sheet of paper to answer the following questions.)*

1. Was there enough evidence before the analyses were performed to eliminate any of the suspects?
2. In the blood analysis, each suspect was assigned a letter for their blood sample. Use the key below to match the sample's letter with the suspect. Whose blood may have been found at the scene of the crime? Explain.

Sample Letter	Suspect
V	Danny Daschund
W	Patty Pfluger
X	Sherry Showoff
Y	Brandon Barker
Z	Pat Poodle

3. In the fingerprint analysis, each suspect was assigned a letter. They are the same letters used for the blood analysis. Whose fingerprints were found at the scene of the crime? Explain.
4. Is there any one test that could have been performed to determine the identity of the suspect? Were any of the other tests unnecessary? Explain.