

Forensic Files The House That Roared Worksheet Answers

Name _____ block _____ date _____

Inside the FBI Crime Lab (The History Channel)

1. The *current* FBI crime lab is located in _____.
2. According to the FBI Lab Director the most important quality of the lab is to ensure that the evidence is _____ and _____ free.
3. The nation's first crime lab was located at _____ and was opened in 1802. The first person to head the FBI was _____.
4. One of the first cases investigated by the FBI involved the Lindbergh Baby kidnapping. Investigators used _____ to identify a suspect and help get a conviction.
5. In 1936, the FBI crime lab was among the first labs to test the polygraph, also known as _____.
6. The FBI created a unit of serology which through chemical testing tests for _____.
7. The _____ unit examines guns, bullets, cartridges, and other items.
8. When matching a bullet to a gun, examiners examine grooves of the gun. They enable the identification with great precision. Every gun will leave its own _____ microscopic marks.
9. An improvised explosive device (IED) is often referred to as _____ by forensic investigators.
10. The largest case tackled by the FBI explosive unit was the crash of _____ over Lockerbie, _____ in 1988. It spanned approximately _____ square miles.
11. In the 19th Century, the _____ system was being used as an identification system until the William West case proved it to be flawed.
12. Currently, there are approximately 80 processes used today to develop latent fingerprints. During the 1970's, the use of _____ began because they protect the latent fingerprints from destruction during analysis.
13. DNA is the **biological** equivalent to a person's _____.
14. In the 1980's the FBI developed DNA technology to solve crimes. There are two types of DNA testing used at the FBI: _____ and _____.
15. The trace evidence unit looks for the presence of _____, _____, or _____.
16. One of the busiest response units of the FBI is the _____ which is responsible for responding to potential exposure to dangerous material (such as anthrax or biological warfare).

S. Valjejo (2010) - Use with the The History Channel's FBI Crime Lab DVD

Forensic Files: The House That Roared Worksheet Answers is an essential resource for students and enthusiasts of criminology and forensic science. This episode of the long-running forensic documentary series highlights a gripping case where science and detective work come together to unravel a mysterious death. The worksheet associated with this episode encourages viewers to critically analyze the case, understand the forensic techniques employed, and reflect on the lessons learned. In this article, we will delve into the details of the episode and provide a comprehensive overview of potential answers to common worksheet questions, enhancing understanding of the episode's core themes.

Overview of the Episode

Case Introduction

"The House That Roared" focuses on the tragic death of a woman named Linda Mae McCoy, whose lifeless body was found in her home. The investigation reveals a complex web of relationships and motives, leading detectives to uncover crucial evidence that sheds light on the circumstances surrounding her death.

Key Characters

- Linda Mae McCoy: The victim, whose mysterious death serves as the focal point of the investigation.
- Detective James McClure: The lead investigator who navigates through the details of the case.
- Dr. Michael Baden: A forensic pathologist who provides expert insights into the cause of death.
- Family Members: Various relatives who provide context and potential motives.

Forensic Techniques Used

Crime Scene Investigation

The first step in solving any homicide case involves a thorough examination of the crime scene. In this episode, detectives meticulously gather evidence, including:

1. Photographs: Capturing the scene to preserve its state for analysis.
2. Biological Samples: Collecting blood, hair, and other biological materials for DNA analysis.
3. Fingerprints: Searching for latent prints that could link suspects to the scene.

Autopsy Findings

The autopsy plays a critical role in determining the cause of death. Dr. Baden's examination reveals:

- The presence of multiple blunt force trauma wounds.
- Signs of struggle, indicating that Linda may have fought her attacker.
- Toxicology results that show the absence of drugs or alcohol, suggesting she was likely sober at the time of her death.

Motives and Suspects

Exploring Relationships

The investigation leads to various suspects, each with potential motives:

- Ex-Husbands: Past relati

Frequently Asked Questions

What is the primary focus of 'Forensic Files: The House That Roared'?

The episode delves into a murder case where forensic evidence plays a crucial role in solving the crime.

What types of forensic evidence are highlighted in this episode?

The episode highlights various types of forensic evidence, including DNA analysis, blood spatter interpretation, and trace evidence.

Who is the victim in 'The House That Roared' episode?

The victim is a young woman whose mysterious death triggers a detailed forensic investigation.

How does the forensic team determine the time of death?

The forensic team uses factors like body temperature and rigor mortis to estimate the time of death.

What role does the crime scene play in the investigation?

The crime scene provides vital clues, including the positioning of the body and any potential evidence left by the perpetrator.

What impact does witness testimony have on the case?

Witness testimony helps to establish a timeline and provides leads that are further examined by forensic experts.

What challenges do investigators face in this case?

Investigators face challenges such as a lack of immediate suspects and the need to sift through conflicting witness accounts.

How does the episode illustrate the importance of forensic science?

The episode demonstrates how forensic science can unravel complex cases and bring justice to victims and their families.

What was the final outcome of the case presented in 'The House That Roared'?

The case ultimately leads to the identification and arrest of the suspect based on forensic evidence.

How does 'Forensic Files' enhance public understanding of forensic science?

The show educates viewers about the processes and methodologies used in forensic investigations, making science accessible and engaging.

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