

Name _____

Forensics

Date: _____

Period: _____

Questions for Nova: Forensics on Trial

1. Why are fingerprints left on plastic bags less reliable as evidence?
2. What limitations does superglue have in making fingerprints visible?
3. Name 3 types of fingerprint ridge details.

4. According to the video, how many ridge details have to match for 2 fingerprints can be declared a match? _____
5. What stunning discovery did Spanish investigators make that changed Brandon Mayfield's life?
6. What did the Mayfield case demonstrate about fingerprint identification?
7. How is Akhlesh Lakhtakia's technique different from using superglue?
8. What evidence analysis used in the case of Sabina Kulakowski proved to be severely flawed?
9. What past behavior of Roy Brown made him a suspect in the Sabina Kulakowski case?
10. Why was Barry Bench's statement to the police suspicious?
11. Why wasn't Barry Bench convicted in the Sabina Kulakowski case?

12. What 2 machines does Dr. Perrson's medical group use to create a virtual autopsy?

_____ and _____

13. What evidence did Dr. Perrson find that led him to conclude that his autopsy subject had been strangled?

14. What does the Greek origin of the word autopsy actually mean?

15. What is the purpose of Dr. Robert Shaler's "Blood Cottage?"

16. What does it mean when the Narrator says "Investigators reverse engineer from the pool of blood to reconstruct the story of the crime?"

17. Why is analysis of DNA considered the most scientifically sound forensic evidence?

18. Why is the OJ Simpson case considered a good example of poorly handled evidence?

19. What is IC-Crime?

20. Why does project manager Mitzi Montoya believe that IC-Crime will be effective?