**Catching Killers: Trace Evidence**

Answer the following questions while watching this episode of Catching Killers.

1. What was the first real piece of evidence left behind by the I-5 Killer?
2. List 4 example of Trace Evidence
   1. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
   2. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
   3. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
   4. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
3. Summarize what can be specifically told about hair when viewed microscopically.
4. Give a brief summary of the history of trace evidence
5. Describe the case that made Locard famous.
6. Why is it important to collect evidence quickly?
7. Who was the prime suspect in Locard’s case? What evidence did he collect from him?
8. Fill-in the following table

|  |  |
| --- | --- |
|  | Description of Method |
| Picking |  |
| Light Sources |  |
| Lifting |  |

1. What type of method was used on Darcie’s dress?\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
2. Describe the fibers found on Darcie’s dress
3. How did police originally find Roger Kibbe?
4. Explain, in complete sentences, what made Kibbe’s car fibers go from indistinguishable to being considered an individual match?
5. How could fingernail scrapings be used differently today than they were in 1912?
6. Would cosmetics be enough to identify a suspect today? Why or why not?
7. What made Kibbe’s white cord different from all the other possible mass produced white cords?
8. Why was Kibbe originally only convicted of Darcie’s murder? What allowed him to be convicted of the other murders?