United Streaming: The Value of Evidence Name _____

Complete this worksheet as you watch the video.

Word Bank
Carpet
Casts
Chemist
Conviction
Evidence
Fibers
Hair
Individual
Light
Orange
Pattern
Photographed
Physical
Pitches
Sites
Source
Tools
Wavelengths

1. The job of the Forensic Science Unit is to collect _____ evidence.

2. To document a tire track, it is first _____ and then _____ are made using dental cement that is poured into a metal form.

3. Investigators use a high-powered _____ to trace the path to the victim. The light shines at _____ that cause materials to fluoresce and _____ goggles help make evidence stand out sharply.

4. Evidence that is collected at a crime scene is sent to the Department of Law Enforcement and is analyzed by a _____, who goes through the debris that is collected at a crime scene.

5. _____ fibers are valuable clues because they can link suspects to a specific location.

6. The tire track expert studies the photographs taken at the crime scene to examine the tread _____ to determine what kind of vehicle uses that kind of a tire.

7. Tire treads are made up of geometric shapes called _____. The key to tire identification is to match differences in pitches. They also examine tiny cuts on the surface called _____ that were molded into the tire by small metal teeth.

8. The final pieces of _____ needed for an airtight case was obtained by investigators offering a dog bathing service. During the bath, investigators gathered some dog _____ and also got carpet _____ from the living room, which matched those found at the crime scenes.

9. Forensic science has become one of the justice system's most powerful _____, but can do great harm if they are misused. In one case, hairs from a crime scene lead to the _____ of an innocent man.

10. Hairs are not distinct enough to be linked to an _____. They most investigators could ever say are that "hairs could have come from the same _____", but can never say that hairs come from a given individual.