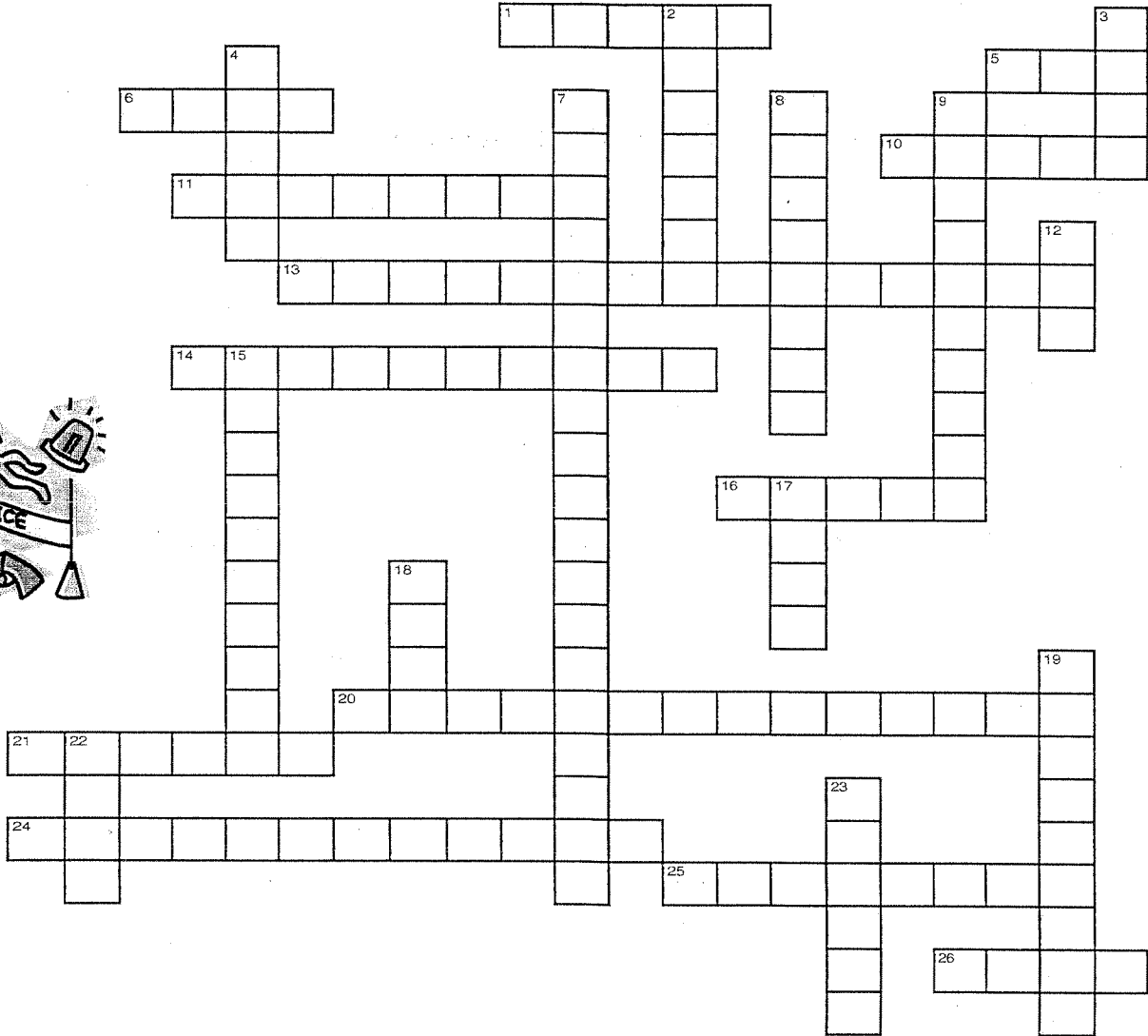


# Power of Evidence Unit Review

Name \_\_\_\_\_



## Across

1. Can be matched to a weapon and analyzed to determine a weapon's size, shape, or length as well as clues about the victim or suspect
5. Genetic material that can be extracted from body tissues and used to create a profile to identify a victim or suspect
6. Bottom portion of hair in which nuclear DNA can be found
10. The universal solvent
11. Points on a fingerprint where the ridge structure changes, such as forks, bridges, and deltas
13. Can be analyzed to determine the sex, stature, age, and race of a victim
14. Instrument used to examine hairs & fibers in detail
16. Can be analyzed to determine its properties, such as color, tint, thickness, density, chemical composition, and refractive index (RI).
20. Process of separating a mixture into its individual components, such as determining the compounds in gasoline
21. Type of print left on a surface at a crime scene, such as a tool handle, glass, door, etc.
24. Can be classified as loops, whorls, and arches
25. Forms when an object is torn or broken; edges can be examined to see if they match
26. Database used to find matches to bullets or firearms found at a crime scene

## Down

2. Type of fiber made from plants or animals
3. Substance made of keratin and is composed of the cuticle, cortex, and medulla
4. Database that is used to find matches for DNA evidence gathered from a crime scene or victim
7. Examiners may analyze a this type of evidence to determine the type of paper used, printing method, handwriting style, or type of ink to find a match to a suspect
8. Substances that give color to objects, such as paint, hair, and fibers
9. Study of firearms and ammunition
12. Abbreviation for gunshot residue
15. Evidence that is formed as an object leaves a "mark" on another one, such as tire tracks, toolmarks, & bitemarks
17. Most common type of fingerprint pattern
18. Least common type of fingerprint pattern
19. Type of fiber that is man-made
22. Database that can be used to find matches for fingerprints found at a crime scene
23. Principle that states "with contact between two items, there will be an exchange."

# Forensic Science A to Z Challenge

Name \_\_\_\_\_

Twenty-six words are hidden in the puzzle along with a mystery word. Use the clues provided to figure out each word and then find it in the puzzle. The words will all have at least one bend, and no letters will be used more than once. When you are done, unscramble the letters that were not used to identify the mystery word.

- A \_\_\_\_\_  
Might be used to destroy evidence
- B \_\_\_\_\_  
A, B, AB, O
- C \_\_\_\_\_  
You might find evidence here.
- D \_\_\_\_\_  
Person who investigates a crime
- E \_\_\_\_\_  
A person who saw something
- F \_\_\_\_\_  
This might match someone's shoe
- G \_\_\_\_\_  
This may show if someone shot a gun
- H \_\_\_\_\_  
May link a suspect to a crime scene
- I \_\_\_\_\_  
Not guilty
- J \_\_\_\_\_  
Decides the outcome of a case
- K \_\_\_\_\_  
Taking a person against their will
- L \_\_\_\_\_  
You don't want to break these
- M \_\_\_\_\_  
Instrument used to analyze evidence

B L S N U G R I R A P H F  
M O H W O E P N G Q U E S  
I O O G U U T Y O N I T  
C D T D N D O Y L B N E I  
R X R E S I O C O S O T O  
O R V E R D F H P E C E N  
S A Y R T I N R E R H N S  
C O N A T C O O M V A T I  
C P R C A R S M O A I R S  
R E I E S S E O S T S O N  
I A P P J U N E T I E S U  
M N S I N R T K C O L A L  
E D D N G Y I S H N S W T  
S I E E Y E W E R O R S R  
C K T E R I D G T P E Z A  
E N E C T I V E E L O I V

- N \_\_\_\_\_  
Dogs may use these to find accelerants
- O \_\_\_\_\_  
Investigators make these at a crime scene
- P \_\_\_\_\_  
Might be used to find the truth
- Q \_\_\_\_\_  
These need to be answered to solve a crime
- R \_\_\_\_\_  
Something you analyze in a fingerprint sample
- S \_\_\_\_\_  
Documents evidence at a crime scene
- T \_\_\_\_\_  
Evidence in small amounts
- U \_\_\_\_\_  
Type of light that helps us find evidence
- V \_\_\_\_\_  
Guilty or not guilty
- W \_\_\_\_\_  
Might be matched to a weapon
- X- \_\_\_\_\_  
Helps you take a closer look inside a body
- Y- \_\_\_\_\_  
Males have this in their DNA
- Z \_\_\_\_\_  
Hopefully you have more evidence than this!

What is the mystery word? \_\_\_\_\_