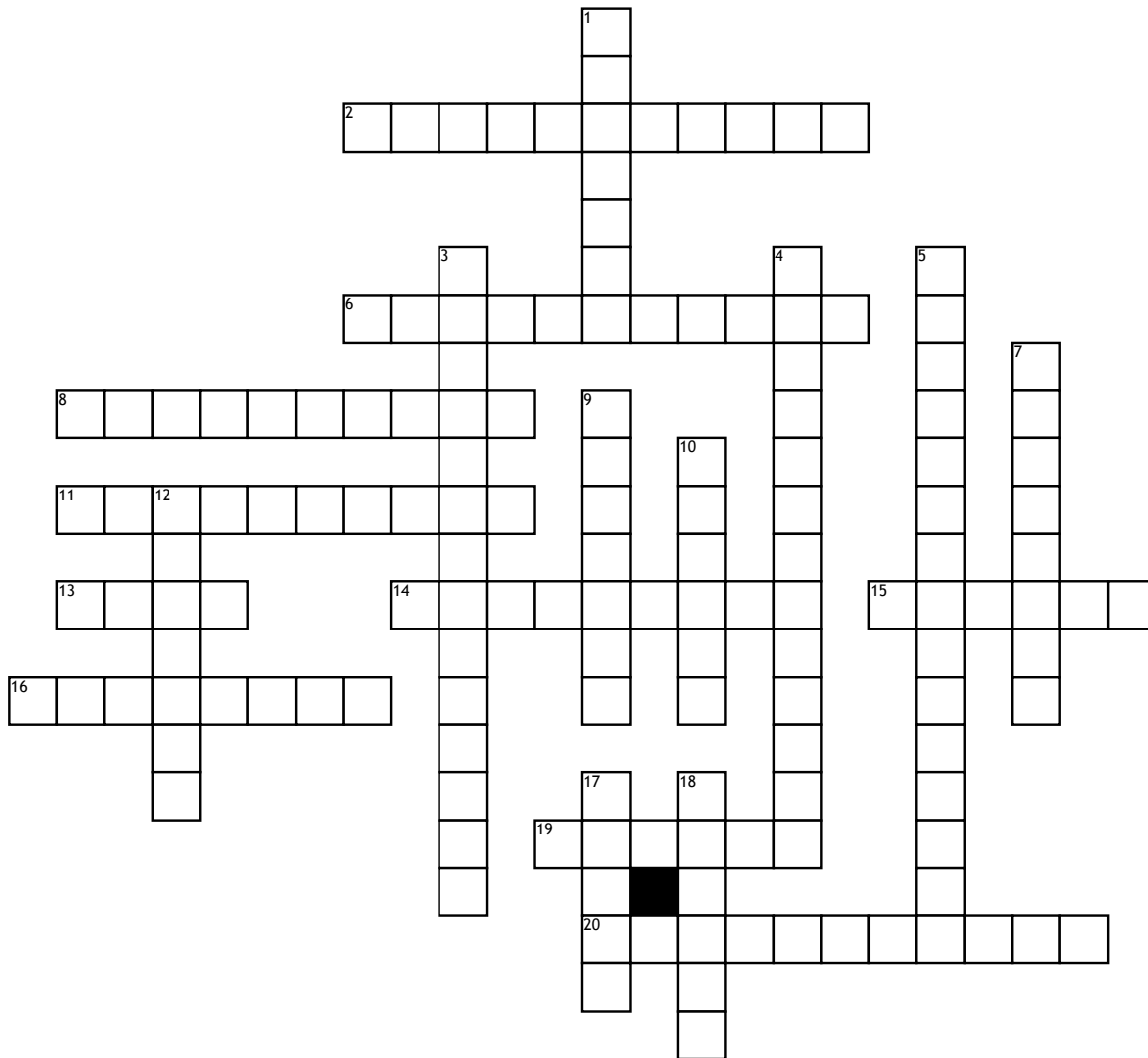


Forensic Glass Analysis



Across

2. also known as tempered glass and is stronger than normal glass

6. strengthens the glass and makes it water resistant

8. the second fracture pattern; surrounds the bullet hole

11. this characteristic occurs only when the suspect and the crime scene glass fragments are assembled and fitted physically

13. The primary ingredient in glass

14. when glass is placed in a liquid with a different refractive index and the outline is visible

15. also known as silicon dioxide

16. a natural form of glass created by volcanoes

19. changes the melting point of the formers

20. added to glass to reduce the melting point of silica

Down

1. also known as leaded glass

3. 2 sheets of glass with a plastic film and is bullet resistant

4. this may prove to be distinctive and memorable characteristics

5. a measure of how much an object shows light

7. the most basic and easiest glass to make

9. makes up the bulk of the glass

10. the first glass fracture pattern produced

12. dividing the mass of an object by the volume

17. these characteristics are the density and refractive index

18. the raw materials for making glass are all _____