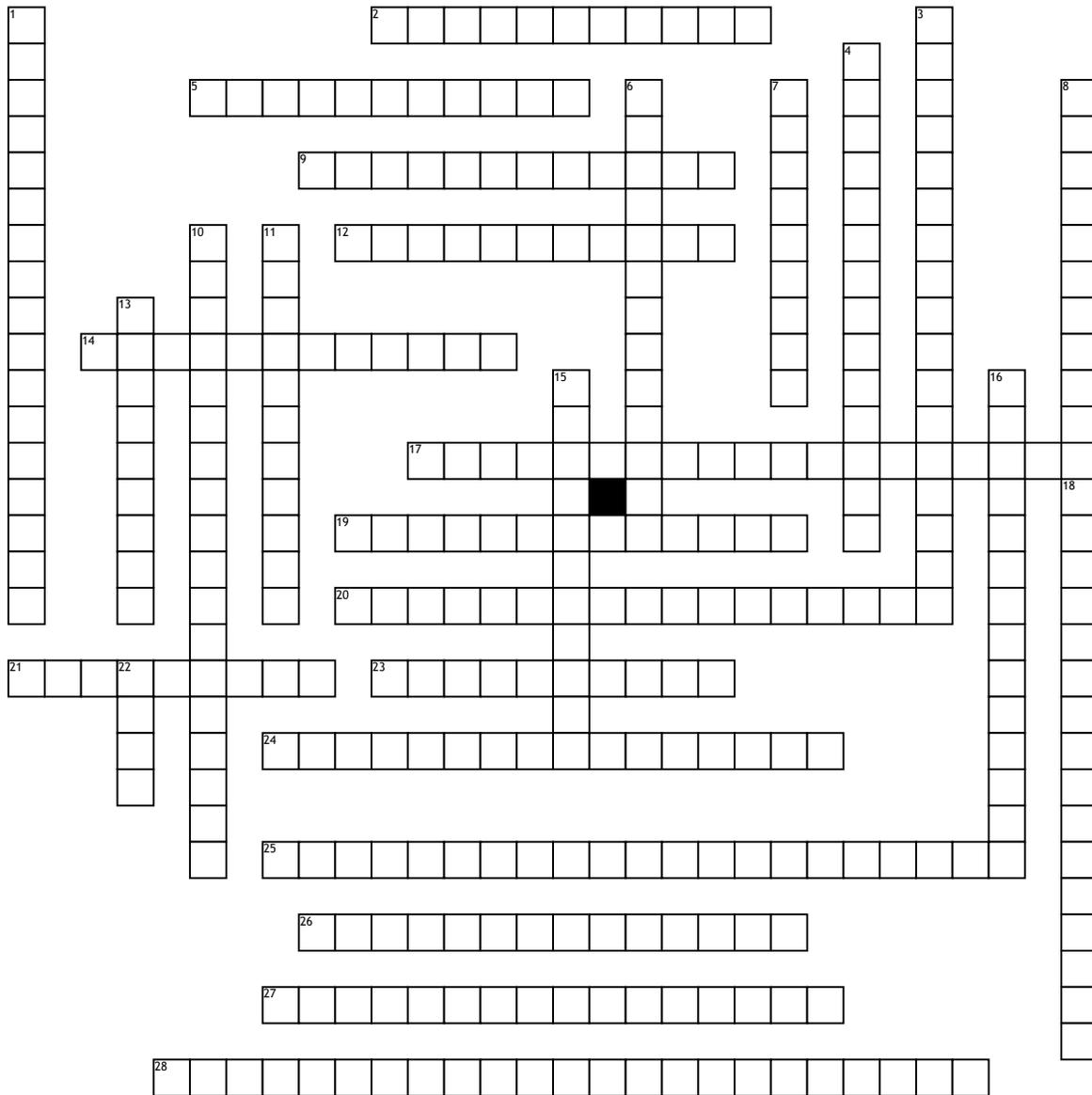


# Bloodstain Pattern Analysis



## Across

2. A bloodstain resulting from insect activity.
5. A bloodstain pattern resulting from the movement of a volume of blood on a surface due to gravity or movement of the target.
9. The three-dimensional location from which spatter originated.
12. A bloodstain pattern resulting from a liquid that dripped into another liquid, at least one of which was blood.
14. A bloodstain with characteristics that indicate a physical change has occurred.
17. A bloodstain pattern resulting from blood drops that traveled in the opposite direction of the external force applied; associated with an entrance wound created by a projectile.
19. A bloodstain pattern resulting from an object striking liquid blood.
20. A bloodstain pattern resulting from blood forced by airflow out of the nose, mouth, or a wound.
21. A bloodstain pattern resulting from the movement of a source of drip stains between two points.

23. An outline within a bloodstain resulting from air in the blood.
24. The angle ( $\gamma$ ) between the long axis of a spatter stain and a defined reference line on the target.
25. A bloodstain pattern resulting from blood drops that traveled in the same direction as the impact force.
26. A bloodstain pattern resulting from blood drops released from an object due to its motion.
27. A small blood drop produced as a by-product of drop formation.
28. A bloodstain pattern resulting from blood drops released from an object due to its rapid deceleration.

## Down

1. The area containing the intersections generated by lines drawn through the long axes of individual stains that indicates in two dimensions the location of the blood source.
3. A grouping or distribution of bloodstains that indicates through regular or repetitive form, order, or arrangement the manner in which the pattern was deposited.
4. A smaller bloodstain that originated during the formation of the parent stain as a result of blood impacting a surface.
6. The acute angle ( $\alpha$ ), relative to the plane of a target, at which a blood drop strikes the target.
7. A bloodstain resulting from a falling drop that formed due to gravity.
8. A deposit of blood on a surface.
10. A physical feature of the periphery of a bloodstain.
11. A bloodstain from which a satellite stain originated.
13. A gelatinous mass formed by a complex mechanism involving red blood cells, fibrinogen, platelets, and other clotting factors.
15. A bloodstain pattern resulting from blood reduced to a spray of micro-drops as a result of the force applied.
16. An altered stain that consists of the peripheral characteristics of the original stain.
18. A bloodstain pattern resulting from the ejection of a volume of blood under pressure.
22. A bloodstain resulting from an accumulation of liquid blood on a surface.