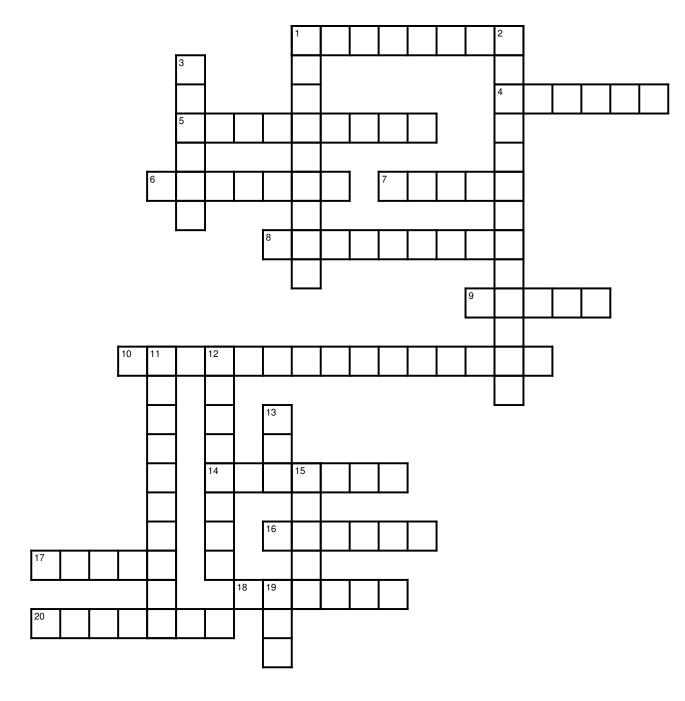
Blood Basics Review





Across

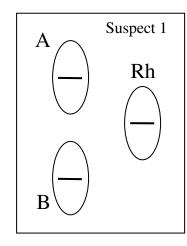
- Indicates the presence of a specific protein; discovered while studying Rhesus monkeys
- 4. People with Type O blood are called universal _____, because they can give blood to anyone
- 5. Clotting factors in our the plasma that clot together to prevent blood loss from a wound
- Type of blood stain created by the force of gravity an appears as drops or blood pools
- Blood type that does not contain A or B agglutinogens
- Type of bloodstain that is created when a force is applied to the source of the blood, such as cast-off, impact spatters, and arterial spurting
- 9. Our blood type is determined by these, which are inherited from our parents
- Component of blood that is part of the our immune system and destroy pathogens in our body
- 14. Bloodstains created by the application of force to the area where the blood originated
- Pointed edges of a droplet that radiate out from the spatter and can help to determine the direction of force
- 17. Blood type that contains B agglutinogens
- 18. Yellowish liquid part of the blood
- Used by investigators to detect the presence of blood

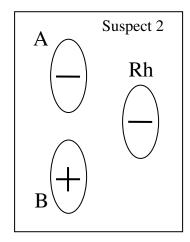
Down

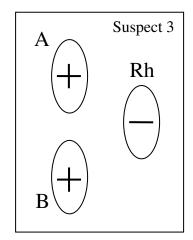
- People with Type AB blood are called universal _____, because they can receive blood from anyone.
- 2. Most abundant cells in our body that are produced in the bone marrow
- Blood type that contains both A and B agglutinogens
- Protein found in red blood cells that carries oxygen
- Patterns created when a bloody object comes in contact with another surface; also called contact patterns
- 13. Stands for bloodstain pattern analysis
- 15. Blood type that contains A agglutinogens
- Test used at a crime scene to enhance a bloodstain to make it more visible in photographs

21. Identify the blood type of each sample given the test results.

+ = clumping, - = no clumping







Blood Type: ____

Blood Type: ____

Blood Type: ____

If Suspect 1 were injured during the crime and needed blood, what blood types could he receive?

If Suspect 2 volunteered to donate blood, which blood types could receive his blood?

22. Which of the three blood droplets shown would have been created by a wound in the lower part of the leg? Explain. (2 points)

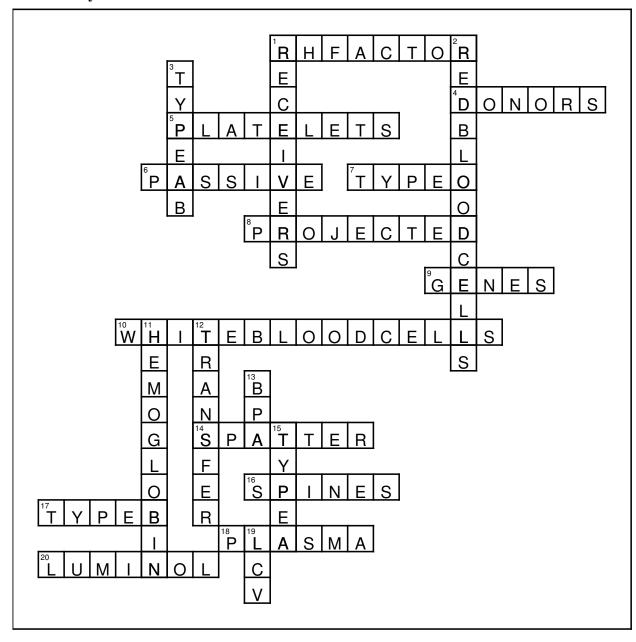


23. If you found a blood droplet as shown below at a crime scene, what does it tell you? Explain (2 points)



24. If you find a trail of blood with droplets that are very close together, what could this mean? (1 point)

Answer Key



Across

- Indicates the presence of a specific protein; discovered while studying Rhesus monkeys
- 4. People with Type O blood are called universal _____, because they can give blood to anyone
- Clotting factors in our the plasma that clot together to prevent blood loss from a wound
- Type of blood stain created by the force of gravity an appears as drops or blood pools
- 7. Blood type that does not contain A or B agglutinogens
- Type of bloodstain that is created when a force is applied to the source of the blood, such as cast-off, impact spatters, and arterial spurting
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- Component of blood that is part of the our immune system and destroy pathogens in our body
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Down

- People with Type AB blood are called universal _____, because they can receive blood from anyone.
- Most abundant cells in our body that are produced in the bone marrow
- 3. Blood type that contains both A and B agglutinogens
- 11. Protein found in red blood cells that carries oxygen
- Patterns created when a bloody object comes in contact with another surface; also called contact patterns
- 13. Stands for bloodstain pattern analysis
- 15. Blood type that contains A agglutinogens
- Test used at a crime scene to enhance a bloodstain to make it more visible in photographs