**Blood Spatter Review Sheet**

1. **How are cast off spatter patterns created?**
2. **Blood spatter analysis is what type of evidence? In regard to crime scene analysis and investigation, what is this technique used to accomplish?**
3. **Bloodstains on porous and non-porous surfaces are similar in what ways? In what ways are they different?**
4. **Know the size of the droplets associated with each of the 3 impact velocity spatters and the speed range with which they are created.**
5. **Study and be familiar with the name of each type of blood spatter and how they are created/caused.**
6. **What is cohesion and why is this important in studying blood spatter?**
7. **How do surface tension and gravity affect blood drops?**
8. **What are satellites and how are they formed? How are these different than spikes/spines?**
9. **In what ways do droplets from different heights differ? In what ways are they similar?**
10. **What conclusions can be drawn about the height based on the droplets found at a crime scene?**

1. **In what ways do droplets from different angles differ? In what ways are they similar?**
2. **What are lines of convergence and what are they used to determine? What is the minimum number of droplets that need to be present to conduct this analysis?**
3. **Calculate the Angle of Impact for the following sized droplets:**
4. **1.8 mm by 3.4 mm**
5. **3.6 mm by 3.9 mm**
6. **3.5 mm by 2.6 mm**
7. **Calculate the Area of Origin for each of the above for the following distances:**
8. **Y= 157 cm, 143 cm, 151 cm**
9. **Y= 211 cm, 226 cm, 244 cm, 218 cm**
10. **Y= 318 cm, 298 cm**
11. **What conclusions can be made by determining the Area of Origin in a crime scene? There are a lot of possible answers here so come up with a lot of possibilities.**
12. **Based on your answers to all of the questions above, put it all together by generating a list of all the different conclusions an investigator can draw by analyzing blood spatter found at a crime scene. Meaning, if you find certain types of spatter and it comes from various heights, what can you speculate about the events, weapons, length, severity, etc. of a crime?**