

Name: _____ Date: _____

ANGLE OF IMPACT CALCULATIONS

Formula: _____

	Length	Width	AOI
1.	2.8cm	2.1 cm	
2.	7.2cm	7.1cm	
3.	0.5 cm	0.3 cm	
4.	5.4cm	2.2 cm	
5.	4.4 cm	3.9 cm	
6.	7.4 cm	6.4 cm	
7.	8.1 cm	2.1 cm	
8.	3.2 cm	2.9 cm	
9.	6.2 cm	3.8 cm	
10.	3.1 cm	3.1 cm	

11. What shape does blood have in flight? _____

12. The angles measured are (circle one) acute / obtuse.

13. When blood strikes a surface from a perpendicular angle, the stain will be _____

14. Blood that strikes a surface at less than a 90° will be _____

15. Use the space below to draw the approximate shapes of blood at 90° , 45° , 30° , and 10° .

16. When blood strikes a surface from a sharp angle, sometimes there are secondary splashes, also called _____.

17. What component of the bloodspatter indicates the direction of spray?

18. What type of math do we use to calculate AOI?

- Trigonometry
- Calculus
- Algebra
- We don't use math.