Room plan

You have seen the crime scene online. This is a plan of the room.

The crime scene investigators determined that the bloodstain patterns on the “stove” wall were suitable for analysis. To enable you to analyse these bloodstains a plan of the wall has been included plus close-ups of the actual bloodstains.

Your task is to analyse the bloodstains found on the wall and to try to work out where the victim was located in the room. Where was the victim in relation to the wall?

To analyse the bloodstains you need to use the following information:

Wall plan

• Find the area of convergence (AOC).
• Measure the distance from each stain to the AOC.

Bloodstains

• Measure the width and length of each bloodstain.
• Calculate the angle of impact of each stain.
**Wall plan**

The location of the bloodstains has been marked on the wall plan. An arrow extends from each stain indicating the exact position of each stain. Use the information on the wall plan to determine the AOC and the distance from the stain to the AOC.

**Area of convergence (AOC)**

- Using a ruler (or compass) and a sharp pencil extend the arrows from each of the bloodstains to find the AOC.

**Distance (D)**

- Measure the distance (cm) from the back of each stain to the AOC. Use the scale to convert to the correct distance.
- Enter D into Table X.
**Bloodstains – Angle of impact \( i \)**

Measure the width and length of each bloodstain.
Calculate the angle of impact (\( i \)) using your Trigonometry Table.
Make sure you do not include any tails or satellite stains in your measurements.

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## TABLE X
Find H, the area of origin of the blood.

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<th>Stain</th>
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<th>4</th>
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<th>6</th>
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<td>Distance from stain to AOC (cm)</td>
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</tbody>
</table>
Wally IMABADDY

States:

P1. My full name is Walter Horatio IMABADDY.

P2. I am 28 years of age and live on the streets. I don’t really have a proper place to live and just doss where I can.

P3. I have been told by Sergeant GETTYAMAN that I am not obliged to say anything in relation to this matter and anything I do say will be recorded and may later be given as evidence against me. I understand my right to remain silent and I am happy to answer the police questions.

Interview commenced at 6.30pm on Wednesday 23rd July 20XX at Rockingham Detectives Office. Interviewing Detective Sergeant GETTYAMAN.

Q1. Tell us where you were and what you were doing at about 7.30am the morning of today, Wednesday the 23rd July 20XX.

A1. I was at the Wattleup Primary School, Pitcher Road, Wattleup looking through a few of the rooms for some food and blankets. I haven’t eaten for 2 days and its cold outside at night. It’s winter.

Q2. Did anything happen today that resulted in you arguing with and hitting another person?

A2. While I was at the school, some bloke jumped me and started screaming at me about being on school grounds when the school was closed. So I defended myself didn’t I? I don’t have to take that from anyone.

Q3. What do you mean by, some guy jumped me?

A3. Well this old guy comes in ranting and raving and pushing and shoving. I knew I wasn’t meant to be there but he was over the top.

Q4. So how did you defend yourself?

A4. I punched the old codger in the nose.

Q5. How many times did you punch him in the nose?

A5. I punched him just once. It seemed to slow him up a fair bit. I had a bit of a word in his ear and then left. I think he was a bit shell shocked.

Q6. Did you punch him anywhere else on the head or the body?

A6. Nope, just the once to his nose.
Statement of Walter Heratio IMABADDY continues;

Q7. What would your response be if I said to you that you instigated the confrontation and that you actually hit him three or four separate times with a weapon, including once when he was lying defenceless on the ground?

A7. That’s rubbish that never happened. I don’t hit people when they are on the ground. It’s that Johnny MOPANBRUSH who’s putting that rubbish in your head. He would do anything to get back at me. He reckons I owe his family money, which I don’t.

Q8. Can you explain to me how the blood came to be on the walls and the front of the stove? I have read that being hit with something can be the cause of blood spread around like that.

A8. Well they are trying to set me up. That bloke is upset because I punched him and Johnny has been out to get me ever since I refused to pay back that money. They must have got some blood in a syringe and sprayed it up the walls. Yep that’s it, that’s what they have done. I never hit anyone with any weapon.

Q9. Johnny has also told me that you tried to pull the cleaner’s pants off, or something similar, and in the process dragged him across the floor from near the stove towards the other door. The door I am talking about it the one that goes out onto the veranda.

A9. That’s rubbish, its all rubbish. Look, I was looking through some cupboards in the kitchen. This old dude wanders in and starts carrying on like a pork chop. I punched him once in the nose and stopped him flat. I told him not to try stuff like that and walked out. Simple!

Q10. Walter, can you tell me where the clothes and shoes that you were wearing earlier today are currently located?

A10. No, you told me I don’t have to tell you anything unless I want to. In fact, charge me or I’m leaving.

Interview concluded at request of Walter Heratio IMABADDY at 6.50pm on Wednesday 23rd July 20XX.
Peter Charles IMAVICTIM

States:

1. I am 55 years of age and live at 27 Runnaround Loop, Meringup. I am currently employed as a school cleaner. I am 165 cm tall and medium build.

2. On Wednesday 23rd July 20XX I was at the Wattleup Primary School, Pitcher Road, Wattleup conducting my school cleaning duties. Also present with me at the time was my colleague James Frederick MOPENBRUSH.

3. At about 7.30am I heard a noise coming from the kitchen area of Block B. I walked into the kitchen and saw a male person standing near the stove. I can’t be sure but I think he had been going through the cupboards under the sink as two of them were both open a bit. I closed them the day before and nobody has been in the school since that time.

4. I had never seen this person before and asked him what he was doing in the school. The school was closed and nobody should have been on the school grounds.

5. The next thing I know he has grabbed me around the throat with his left hand. He pushed me into the corner of the kitchen directly opposite the doorway and to the left of the stove.

6. He then began to hit me with something; I think it was a piece of wood. I remember it being brown, about 40cm long and it looked round, something like a chair leg maybe. Before I could even think about trying to break his grip on me he had hit me about two or three times on the top front part of my head.

7. After he hit me the first time I could feel blood running done my face. All I could think about was trying to get away from him hitting me but he was very strong and held me in towards the corner. He was screaming at me saying all types of weird stuff as well.

8. I don’t think I moved much at all from where he hit me the first time. I do remember bending my knees and crouching slightly trying to get away from the blows. I think he might have hit me three or maybe, four times all together.

9. I don’t remember much after that as I was all dizzy. I know I fell down onto the floor, but I am not exactly sure where in the room I fell. I could still feel the blood running down my face and I have a vague recollection of being hit again after I had fallen over but I can’t be sure, it may just be me remembering the first few blows.

10. The next thing I remember is someone dragging me along the floor. It was like they were trying to rip stuff out of my pockets and getting angry when my wallet wouldn’t come out. In the process they were pulling me along over the floor. When I got my senses together looked up I could see the door to the outside veranda just in front of me. Its blue I think. This door is actually in the corner diagonally opposite to where I was first hit.

11. I remember hearing the voice of my work mate Johnny MOPANBRUSH and him helping me up off the ground. I think I tried to go out the blue door but Johnny led me back out the other door and called an ambulance. It’s funny the stuff that you do remember when these sort of things happen. About the only part of the conversation with Johnny that I am sure about was him whining about how hard it was for him not to stand in any blood.
12. About 30 minutes after we left the room the ambulance turned up and they took me to Fremantle Hospital. All up I received 20 stitches to three cuts, the doctor called them lacerations, to the top of my head.

13. Two of the cuts were kind of side by side and each about 8cm long. They ran from like the front to the back of my head across the top.

14. The third one was about 5cm long and on the right hand side of my head. The doctor said that if it had been near the other two it would have formed a shape similar to a cross.

15. The guy that hit me was about 6’2" (188cm) tall and built like a tank. He was wearing blue jeans and joggers. He had a dark t-shirt on, that’s about all I remember. If I ever saw this person again I am sure I could positively identify them.

16. I declare that this statement is true to the best of my knowledge and belief and that I have made this statement knowing that if it is tendered in evidence I will be guilty of a crime if I have wilfully included in this statement anything which I know to be false or that I do not believe to be true.

……………………………………

Peter Charles IMAVICTIM

Witnessed at: ..................................................
On: ..................................................
Time: ..................................................
By: ..................................................

FSB09
John Frederick MOPANBRUSH

States:

1. I am 40 years of age and live at unit 6/93 Richmond Road, Rockingham. I am currently employed as a school cleaner. I am 166cm tall and medium build.

2. On Wednesday 23rd July 20XX I was at the Wattleup Primary School, Pitcher Road, Wattleup conducting my school cleaning duties. Also present with me at the time was my colleague Peter Charles IMAVICTIM.

3. At about 7.30am I heard some yelling from the kitchen area of Block B. It sounded like all hell was breaking loose. There was lots of yelling and screaming. As I got closer I could see a man standing over Peter. Peter was lying on the floor of the kitchen with his feet towards the door and his head near the stove.

4. This guy was standing over Peter and like yelling at him, swearing that sort of stuff. I could see blood all over Peter’s face and there was a small pool of blood forming on the floor near his head. I was really scared and I guess I hesitated for a minute.

5. The next thing I know this guy hits Peter on the head with something he had in his hand. It was like a brown pipe or something like that. I could see blood go everywhere. It was terrible. Peter was lying on the ground when he got hit. His arms were by his side.

6. The guy then starts trying to rip Peter’s jeans off or something like that. I guess I couldn’t see all that well because I was about 8 meters away looking around a corner. I was scared.

7. He was pulling at the pockets of Peter’s jeans like he was trying to break his belt and in the process he was actually dragging Peter across the floor of the kitchen.

8. That’s when I thought, enough’s enough and I got up the courage to yell out. I told the guy that I had called the cops and that they were on the way. The guy sort of looks at me and then I recognised him. It was Wally IMABADDY. I knew Wally from high school.

9. He also still owes my family company money, about five grand from memory.

10. After I yelled out Wally stood up and walked out of the kitchen and past me towards the front door. I didn’t get much of a look at what he hit Peter with and he took it with him. I was looking him in the eyes when he walked past me so I didn’t see it then.

11. When Wally walked past me he told me to forget everything I had seen or else.

12. After I was sure he was gone I went in to Peter and got him to his feet. He was all dazed and I lent him against the wall for a little while until he told me he was steady and could walk. The blood was terrible. It was dripping of his nose and chin.

13. It was hard to walk as Peter was all wobbly on his feet and I had just bought some new shoes and was trying not to walk in any of the blood.

14. Peter must have still been a bit groggy because he tried to walk out the veranda door. I turned him around and walked him out the kitchen door and sat him down outside. I called an ambulance and they came about 20 minutes later.
15. Wally is about 6’ (183cm) tall and is of heavy muscular build. He was wearing blue jeans and white joggers. He had a dark blue t-shirt on with a motorcycle emblem on the front, Harley Davidson I think.

16. I declare that this statement is true to the best of my knowledge and belief and that I have made this statement knowing that if it is tendered in evidence I will be guilty of a crime if I have wilfully included in this statement anything which I know to be false or that I do not believe to be true.

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John Frederick MOPANBRUSH

Witnessed at: ...........................................
On: ....................................................
Time: ..................................................
By: ....................................................