

Deduction Mysteries

CASE 01

A referee's notebook was taken from the trophy display case of Pemberton Stadium during the overnight window between 00:45 and 03:30. The operation required specific qualifications, access, and timing. 8 suspects are under investigation: Leander (rookie player), Katarina (equipment manager), Saoirse (team statistician), Aleksandr (team captain), Faye (star player), Lana (facilities manager), Tariq (head coach), Amari (referee). Several have strong-looking motives.

Q Who took the referee's notebook?

1. Amari claims to have exited the building at 22:30 – the official badge log confirms this.
2. The theft involved a seal cut with a serial pattern from a specific supply.
3. The trace at the scene (a seal cut with a serial pattern from a specific supply) ties directly to inventory or systems uniquely accessible to Amari.
4. Initial assumption pointed to Leander because of proximity to the scene earlier, but this has been independently ruled out.
5. Four independent requirements: clearance to the restricted archive, after-hours building access, presence between 00:45 and 03:30, and possession of the specific tool used.
6. Lana lacks clearance to the restricted archive – confirmed by personnel records.
7. Aleksandr has after-hours building access and clearance to the restricted archive – initial suspicion was high.
8. Katarina lacks clearance to the restricted archive – confirmed by personnel records.
9. Tariq has only possession of the specific tool used of the four requirements.
- 10 Saoirse had financial pressure – appears to have motive.
- 11 However: Faye is cleared – but their equipment-room key was revoked the day before – confirmed in the security audit.
- 12 Saoirse has after-hours building access and possession of the specific tool used – initial suspicion was high.

CASE 02

The box-office receipts were taken from the dressing room of Helix Repertory during the overnight window between 00:45 and 04:15. The operation required specific qualifications, access, and timing. 7 suspects are under investigation: Elara (stage manager), Aurora (prop master), Leander (box-office manager), Elspeth (musical director), Jules (director), Kalinda (lighting tech), Noor (costume designer). Several have strong-looking motives.

Q Who took the box-office receipts?

1. The trace at the scene (a foam replica skillfully painted with restoration-grade spray paint) ties directly to inventory or systems uniquely accessible to Noor.
2. Jules has possession of the specific tool used and specialized engineering certification and after-hours building access – initial suspicion was high.
3. Aurora lacks specialized engineering certification – confirmed by personnel records.
4. Elspeth has possession of the specific tool used and after-hours building access and specialized engineering certification – initial suspicion was high.
5. Elara was passed over for a recent promotion – appears to have motive.
6. Jules was passed over for a recent promotion – appears to have motive.
7. Leander's dressing-room sign-in shows them off-site the entire window.
8. Kalinda has only after-hours building access of the four requirements.
9. Elspeth had financial pressure – appears to have motive.
- 10 Noor claims to have exited the building at 22:50 – the official badge log confirms this.
- 11 However: Jules is cleared – but their backstage pass was revoked the day before – confirmed in the security audit.
- 12 Initial assumption pointed to Kalinda because of proximity to the scene earlier, but this has been independently ruled out.

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CASE 03

A prop weapon was taken from the costume room of Northgate Stage during the overnight window between 02:00 and 05:15. The operation required specific qualifications, access, and timing. 7 suspects are under investigation: Oren (lead actor), Damaris (prop master), Zara (lighting tech), Theo (director), Dario (musical director), Wilder (costume designer), Jacinta (box-office manager). Several have strong-looking motives.

Q Who took the prop weapon?

1. Oren has elevated system privileges and after-hours building access – initial suspicion was high.
2. The trace at the scene (a network certificate signed by senior staff) ties directly to inventory or systems uniquely accessible to Jacinta.
3. Four independent requirements: elevated system privileges, after-hours building access, presence between 02:00 and 05:15, and familiarity with the security routing.
4. Initial assumption pointed to Oren because of proximity to the scene earlier, but this has been independently ruled out.
5. Zara clashed publicly with management – appears to have motive.
6. However: Oren is cleared – but two independent witnesses confirm a video call with them throughout the window.
7. Wilder clashed publicly with management – appears to have motive.
8. But: however seal serial registry records show they re-authenticated from an internal network at 1:35.
9. Wilder has elevated system privileges and familiarity with the security routing and after-hours building access – initial suspicion was high.
- 10 Oren filed a grievance two weeks ago – appears to have motive.
- 11 Jacinta has all four requirements: elevated system privileges, after-hours building access, familiarity with the security routing, and meets the temporal requirement (presence between 02:00 and 05:15).

CASE 04

A team trophy was taken from the administration office of Saint-Clair Field House during the overnight window between 00:00 and 04:30. The operation required specific qualifications, access, and timing. 7 suspects are under investigation: Galina (facilities manager), Juno (star player), Sami (head coach), Mei (assistant coach), Gunnar (athletic trainer), Hakim (team statistician), Eira (team captain). Several have strong-looking motives.

Q Who took the team trophy?

1. Mei clashed publicly with management – appears to have motive.
2. Eira clashed publicly with management – appears to have motive.
3. However: Eira is cleared – but two independent witnesses confirm a video call with them throughout the window.
4. Galina lacks specialized engineering certification – confirmed by personnel records.
5. Juno claims to have exited the building at 22:35 – the official badge log confirms this.
6. However: Mei is cleared – but locker-room sensor places them at the hospital with a family emergency during the entire window.
7. But: however VPN session record records show they re-authenticated from an internal network at 2:10.
8. Four independent requirements: specialized engineering certification, a verified relationship with the donor, presence between 00:00 and 04:30, and possession of the specific tool used.
9. Eira has specialized engineering certification and possession of the specific tool used – initial suspicion was high.
- 10 Juno has all four requirements: specialized engineering certification, a verified relationship with the donor, possession of the specific tool used, and meets the temporal requirement (presence between 00:00 and 04:30).

Deduction Mysteries

CASE 05

An accounting ledger was taken from the records vault of Velocity Labs during the overnight window between 02:15 and 05:00. The operation required specific qualifications, access, and timing. 7 suspects are under investigation: Noor (IT administrator), Gisela (security officer), Adrian (executive assistant), Olive (HR director), Damaris (intern), Bao (legal counsel), Kenji (facilities coordinator). Several have strong-looking motives.

Q Who took the accounting ledger?

1. Gisela lacks clean-room or vault clearance – security audit confirms.
2. The corporate theft involved an encryption signature tied to the internal training network.
3. Olive filed a grievance two weeks ago – appears to have motive.
4. But: however the unsecured service entrance doesn't require a badge to re-enter.
5. Four independent requirements: advanced restoration training, clean-room or vault clearance, presence between 02:15 and 05:00, and authorization to handle the item.
6. Adrian has advanced restoration training and authorization to handle the item – initial suspicion was high.
7. However: Damaris is cleared – but two independent witnesses confirm a video call with them throughout the window.
8. Noor lacks clean-room or vault clearance – security audit confirms.
9. However: Olive is cleared – but two independent witnesses confirm a video call with them throughout the window.
- 10 Olive has authorization to handle the item and advanced restoration training – initial suspicion was high.
- 11 Damaris has advanced restoration training and authorization to handle the item – initial suspicion was high.

CASE 06

A locker key was taken from the staff bathroom of Cedarvale High during the overnight window between 00:00 and 03:15. The operation required specific qualifications, access, and timing. 8 suspects are under investigation: Florian (librarian), Esme (secretary), Mikael (student council president), Cedric (teacher), Dario (principal), Oren (janitor), Olive (department head), Klaus (school counselor). Several have strong-looking motives.

Q Who took the locker key?

1. Esme has specialized engineering certification and familiarity with the security routing – initial suspicion was high.
2. Klaus's hallway camera shows them off-site the entire window.
3. Oren filed a grievance two weeks ago – appears to have motive.
4. Florian was officially signed out at 23:10 via the front-desk register.
5. Cedric lacks specialized engineering certification – confirmed by personnel records.
6. The trace at the scene (a foam replica skillfully painted with restoration-grade spray paint) ties directly to inventory or systems uniquely accessible to Florian.
7. Florian has all four requirements: specialized engineering certification, clean-room or vault clearance, familiarity with the security routing, and meets the temporal requirement (presence between 00:00 and 03:15).
8. However: Mikael is cleared – but hallway camera places them at the hospital with a family emergency during the entire window.
9. But: however the unsecured service entrance doesn't require a badge to re-enter.
- 10 Olive has only clean-room or vault clearance of the four requirements.
- 11 Initial assumption pointed to Klaus because of public friction with management, but this has been independently ruled out.

Answer Key – Deduction Mysteries

Solve before peeking. Correct suspect and key reasoning steps below.

Case 01 undefined) Amari

- Four requirements (clearance to the restricted archive, after-hours building access, presence between 00:45 and 03:30, possession of the specific tool used) plus a unique technical trace narrow the case.
 - Saoirse appears guilty (has multiple requirements, has motive) but is cleared by an independent verification.
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Case 02 D) Noor

- Four requirements (specialized engineering certification, after-hours building access, presence between 00:45 and 04:15, possession of the specific tool used) plus a unique technical trace narrow the case.
 - Jules appears guilty (has multiple requirements, has motive) but is cleared by an independent verification.
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Case 03 C) Jacinta

- Four requirements (elevated system privileges, after-hours building access, presence between 02:00 and 05:15, familiarity with the security routing) plus a unique technical trace narrow the case.
 - Zara appears guilty (has multiple requirements, has motive) but is cleared by an independent verification.
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Case 04 C) Juno

- Four requirements (specialized engineering certification, a verified relationship with the donor, presence between 00:00 and 04:30, possession of the specific tool used) plus a unique technical trace narrow the case.
 - Hakim appears guilty (has multiple requirements, has motive) but is cleared by an independent verification.
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Case 05 C) Kenji

- Four requirements (advanced restoration training, clean-room or vault clearance, presence between 02:15 and 05:00, authorization to handle the item) plus a unique technical trace narrow the case.
 - Olive appears guilty (has multiple requirements, has motive) but is cleared by an independent verification.
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Case 06 undefined) Florian

- Four requirements (specialized engineering certification, clean-room or vault clearance, presence between 00:00 and 03:15, familiarity with the security routing) plus a unique technical trace narrow the case.
- Oren appears guilty (has multiple requirements, has motive) but is cleared by an independent verification.