

Deduction Mysteries

CASE 01

A tournament prize money was taken from the administration office of Saint-Clair Field House during the overnight window between 01:30 and 04:15. The operation required specific qualifications, access, and timing. 7 suspects are under investigation: Zinnia (head coach), Tess (star player), Mikael (rookie player), Omari (facilities manager), Theo (equipment manager), Bram (assistant coach), Odell (team captain). Several have strong-looking motives.

Q Who took the tournament prize money?

1. Odell clashed publicly with management – appears to have motive.
2. Bram has only a master key issued only to senior staff of the four requirements.
3. Mikael has a master key issued only to senior staff and familiarity with the security routing and clean-room or vault clearance – initial suspicion was high.
4. However: Omari is cleared – but witness teammate places them at the hospital with a family emergency during the entire window.
5. The trace at the scene (a network certificate signed by senior staff) ties directly to inventory or systems uniquely accessible to Theo.
6. Theo was officially signed out at 23:10 via the front-desk register.
7. Mikael was passed over for a recent promotion – appears to have motive.
8. Four independent requirements: a master key issued only to senior staff, clean-room or vault clearance, presence between 01:30 and 04:15, and familiarity with the security routing.
9. Omari has clean-room or vault clearance and familiarity with the security routing – initial suspicion was high.
10. However: Odell is cleared – but they were on a documented overnight flight, verified by airline records.
11. Initial assumption pointed to Zinnia because of being seen near the building, but this has been independently ruled out.

CASE 02

A signature dish recipe was taken from the prep kitchen of The Briar Room during the overnight window between 02:15 and 06:00. The operation required specific qualifications, access, and timing. 7 suspects are under investigation: Cedric (manager), Quentin (bartender), Kenji (host), Ronan (line cook), Wren (sous chef), Galina (sommelier), Vidal (dishwasher). Several have strong-looking motives.

Q Who took the signature dish recipe?

1. However: Quentin is cleared – but their manager key was revoked the day before – confirmed in the security audit.
2. Ronan has elevated system privileges and authorization to handle the item – initial suspicion was high.
3. Wren has all four requirements: elevated system privileges, administrator credentials, authorization to handle the item, and meets the temporal requirement (presence between 02:15 and 06:00).
4. Kenji has only elevated system privileges of the four requirements.
5. Galina's time-clock record shows them off-site the entire window.
6. The theft involved a hand-machined tool stocked in only one closet.
7. Wren was officially signed out at 22:05 via the front-desk register.
8. But: however the VPN session record shows their vehicle remained in the lot until well after 02:15.
9. Cedric lacks elevated system privileges – confirmed by personnel records.
10. Vidal filed a grievance two weeks ago – appears to have motive.
11. Initial assumption pointed to Kenji because of proximity to the scene earlier, but this has been independently ruled out.
12. However: Vidal is cleared – but two independent witnesses confirm a video call with them throughout the window.

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CASE 03

A donor list was taken from the curator office of Helix Reading Room during the overnight window between 01:00 and 05:15. The operation required specific qualifications, access, and timing. 7 suspects are under investigation: Marisol (archivist), Maeve (rare-books curator), Dimitri (custodian), Dario (volunteer), Adrian (visiting scholar), Tariq (intern), Leila (head librarian). Several have strong-looking motives.

Q Who took the donor list?

1. Dimitri was officially signed out at 22:45 via the front-desk register.
2. Initial assumption pointed to Adrian because of being seen near the building, but this has been independently ruled out.
3. However: Adrian is cleared – but they were on a documented overnight flight, verified by airline records.
4. However: Marisol is cleared – but their archive badge was revoked the day before – confirmed in the security audit.
5. Dario filed a grievance two weeks ago – appears to have motive.
6. Marisol filed a grievance two weeks ago – appears to have motive.
7. The trace at the scene (a seal cut with a serial pattern from a specific supply) ties directly to inventory on systems uniquely accessible to Dimitri.
8. Dario has a master key issued only to senior staff and documented hands-on history with the item and possession of the specific tool used – initial suspicion was high.
9. The theft involved a seal cut with a serial pattern from a specific supply.
10. Marisol has documented hands-on history with the item and possession of the specific tool used and a master key issued only to senior staff – initial suspicion was high.
11. Leila lacks a master key issued only to senior staff – confirmed by personnel records.

CASE 04

The client's car keys were taken from the welding bay of Northgate Workshop during the overnight window between 01:30 and 04:30. The operation required specific qualifications, access, and timing. 8 suspects are under investigation: Aaliyah (quality inspector), Lior (apprentice), Damaris (electrician), Penelope (parts clerk), Enzo (painter), Nikolai (welder), Cyrus (machinist), Mira (customer service rep). Several have strong-looking motives.

Q Who took the client's car keys?

1. Penelope had financial pressure – appears to have motive.
2. Cyrus was officially signed out at 22:50 via the front-desk register.
3. But: however DHCP log records show they re-authenticated from an internal network at 1:55.
4. Nikolai has only clearance to the restricted archive of the four requirements.
5. Initial assumption pointed to Lior because of being seen near the building, but this has been independently ruled out.
6. Enzo has knowledge of the seal serial pattern and clearance to the restricted archive and documented hands-on history with the item – initial suspicion was high.
7. Enzo filed a grievance two weeks ago – appears to have motive.
8. Aaliyah has only documented hands-on history with the item of the four requirements.
9. Mira has documented hands-on history with the item and clearance to the restricted archive – initial suspicion was high.
10. Penelope has knowledge of the seal serial pattern and documented hands-on history with the item – initial suspicion was high.
11. Cyrus has all four requirements: clearance to the restricted archive, documented hands-on history with the item, knowledge of the seal serial pattern, and meets the temporal requirement (presence between 01:30 and 04:30).

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CASE 05

The tip jar contents were taken from the front register of Octavia's during the overnight window between 01:30 and 04:45. The operation required specific qualifications, access, and timing. 8 suspects are under investigation: Iolanthe (manager), Bram (sous chef), Saoirse (server), Daphne (host), Lior (head chef), Ramona (line cook), Ezra (bartender), Lucia (dishwasher). Several have strong-looking motives.

Q Who took the tip jar contents?

1. Saoirse claims to have exited the building at 22:20 – the official badge log confirms this.
2. The theft involved a hand-machined tool stocked in only one closet.
3. However: Bram is cleared – but witness server places them at the hospital with a family emergency during the entire window.
4. Lucia's witness server shows them off-site the entire window.
5. Ramona was passed over for a recent promotion – appears to have motive.
6. But: however the parking-lot camera shows their vehicle remained in the lot until well after 01:30.
7. However: Ramona is cleared – but they were on a documented overnight flight, verified by airline records.
8. Lior has only elevated system privileges of the four requirements.
9. Initial assumption pointed to Bram because of public friction with management, but this has been independently ruled out.
- 10 Ezra lacks elevated system privileges – confirmed by personnel records.
- 11 Ramona has elevated system privileges and documented hands-on history with the item and authorization to handle the item – initial suspicion was high.
- 12 The trace at the scene (a hand-machined tool stocked in only one closet) ties directly to inventory or systems uniquely accessible to Saoirse.

CASE 06

A rare vintage tool was taken from the paint booth of Pemberton Repair during the overnight window between 00:15 and 03:00. The operation required specific qualifications, access, and timing. 7 suspects are under investigation: Isolde (master mechanic), Yusuf (customer service rep), Yara (painter), Hasan (welder), Quincy (apprentice), Nikolai (electrician), Mira (shop manager). Several have strong-looking motives.

Q Who took the rare vintage tool?

1. Hasan filed a grievance two weeks ago – appears to have motive.
2. However: Quincy is cleared – but they were on a documented overnight flight, verified by airline records.
3. Nikolai's door sensor shows them off-site the entire window.
4. Quincy was passed over for a recent promotion – appears to have motive.
5. The trace at the scene (a network certificate signed by senior staff) ties directly to inventory or systems uniquely accessible to Yusuf.
6. Initial assumption pointed to Isolde because of being seen near the building, but this has been independently ruled out.
7. However: Yara is cleared – but they were on a documented overnight flight, verified by airline records.
8. Yara clashed publicly with management – appears to have motive.
9. Hasan has clean-room or vault clearance and a master key issued only to senior staff and knowledge of the seal serial pattern – initial suspicion was high.
- 10 Mira lacks a master key issued only to senior staff – confirmed by personnel records.
- 11 Yara has knowledge of the seal serial pattern and a master key issued only to senior staff and clean-room or vault clearance – initial suspicion was high.

Answer Key – Deduction Mysteries

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

Case 01 E) Theo

- ☒ Four requirements (a master key issued only to senior staff, clean-room or vault clearance, presence between 01:30 and 04:15, familiarity with the security routing) plus a unique technical trace narrow the case.
 - ☒ Odell appears guilty (has multiple requirements, has motive) but is cleared by an independent verification.
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Case 02 F) Wren

- ☒ Four requirements (elevated system privileges, administrator credentials, presence between 02:15 and 06:00, authorization to handle the item) plus a unique technical trace narrow the case.
 - ☒ Quentin appears guilty (has multiple requirements, has motive) but is cleared by an independent verification.
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Case 03 B) Dimitri

- ☒ Four requirements (a master key issued only to senior staff, documented hands-on history with the item, presence between 01:00 and 05:15, possession of the specific tool used) plus a unique technical trace narrow the case.
 - ☒ Marisol appears guilty (has multiple requirements, has motive) but is cleared by an independent verification.
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Case 04 undefined) Cyrus

- ☒ Four requirements (clearance to the restricted archive, documented hands-on history with the item, presence between 01:30 and 04:30, knowledge of the seal serial pattern) plus a unique technical trace narrow the case.
 - ☒ Enzo appears guilty (has multiple requirements, has motive) but is cleared by an independent verification.
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Case 05 F) Saoirse

- ☒ Four requirements (elevated system privileges, documented hands-on history with the item, presence between 01:30 and 04:45, authorization to handle the item) plus a unique technical trace narrow the case.
 - ☒ Ramona appears guilty (has multiple requirements, has motive) but is cleared by an independent verification.
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Case 06 A) Yusuf

- ☒ Four requirements (a master key issued only to senior staff, clean-room or vault clearance, presence between 00:15 and 03:00, knowledge of the seal serial pattern) plus a unique technical trace narrow the case.
- ☒ Yara appears guilty (has multiple requirements, has motive) but is cleared by an independent verification.