

Deduction Mysteries

CASE 01

The hospital ID badges were taken from the medical records of Northgate Memorial during the overnight window between 02:15 and 06:30. The operation required specific qualifications, access, and timing. 7 suspects are under investigation: Theo (social worker), Talia (medical resident), Dario (technician), Elara (volunteer), Mahdi (pharmacist), Kai (head nurse), Eira (administrator). Several have strong-looking motives.

Q Who took the hospital ID badges?

1. Mahdi was passed over for a recent promotion – appears to have motive.
2. Elara has all four requirements: elevated system privileges, a verified relationship with the donor, authorization to handle the item, and meets the temporal requirement (presence between 02:15 and 06:30).
3. Eira lacks elevated system privileges – confirmed by personnel records.
4. Kai lacks elevated system privileges – confirmed by personnel records.
5. However: Mahdi is cleared – but elevator log places them at the hospital with a family emergency during the entire window.
6. Four independent requirements: elevated system privileges, a verified relationship with the donor, presence between 02:15 and 06:30, and authorization to handle the item.
7. Talia had financial pressure – appears to have motive.
8. But: however the elevator override log shows their vehicle remained in the lot until well after 02:15.
9. Initial assumption pointed to Kai because of public friction with management, but this has been independently ruled out.
- 10 However: Dario is cleared – but two independent witnesses confirm a video call with them throughout the window.

CASE 02

The sealed wills were taken from the cataloging room of City Records Office during the overnight window between 02:15 and 06:30. The operation required specific qualifications, access, and timing. 7 suspects are under investigation: Yvonne (volunteer), Helena (records administrator), Tomas (clerk), Beatrix (administrator), Joaquin (intern), Aleksandr (genealogist), Mateo (researcher). Several have strong-looking motives.

Q Who took the sealed wills?

1. Helena their video call ended at 22:10 according to the system.
2. Tomas has clean-room or vault clearance and advanced restoration training and familiarity with the security routing – initial suspicion was high.
3. Yvonne filed a grievance two weeks ago – appears to have motive.
4. The trace at the scene (an encryption signature tied to the internal training network) ties directly to inventory or systems uniquely accessible to Helena.
5. Four independent requirements: advanced restoration training, clean-room or vault clearance, presence between 02:15 and 06:30, and familiarity with the security routing.
6. Initial assumption pointed to Joaquin because of proximity to the scene earlier, but this has been independently ruled out.
7. Helena has all four requirements: advanced restoration training, clean-room or vault clearance, familiarity with the security routing, and meets the temporal requirement (presence between 02:15 and 06:30).
8. Mateo's archive log shows them off-site the entire window.
9. The theft involved an encryption signature tied to the internal training network.
- 10 Tomas had financial pressure – appears to have motive.

Deduction Mysteries

CASE 03

A championship ring was taken from the main court of Saint-Clair Field House during the overnight window between 01:45 and 04:15. The operation required specific qualifications, access, and timing. 7 suspects are under investigation: Lana (assistant coach), Thora (equipment manager), Frida (facilities manager), Aaliyah (rookie player), Jacinta (head coach), Phaedra (team statistician), Caelan (referee). Several have strong-looking motives.

Q Who took the championship ring?

1. Caelan filed a grievance two weeks ago – appears to have motive.
2. Initial assumption pointed to Lana because of public friction with management, but this has been independently ruled out.
3. However: Caelan is cleared – but two independent witnesses confirm a video call with them throughout the window.
4. Lana had financial pressure – appears to have motive.
5. However: Jacinta is cleared – but two independent witnesses confirm a video call with them throughout the window.
6. Jacinta had financial pressure – appears to have motive.
7. The trace at the scene (an encryption signature tied to the internal training network) ties directly to inventory or systems uniquely accessible to Aaliyah.
8. The theft involved an encryption signature tied to the internal training network.
9. Aaliyah has all four requirements: a master key issued only to senior staff, a verified relationship with the donor, knowledge of the seal serial pattern, and meets the temporal requirement (presence between 01:45 and 04:15).
10. Frida's equipment sign-out shows them off-site the entire window.
11. Lana has knowledge of the seal serial pattern and a master key issued only to senior staff and a verified relationship with the donor – initial suspicion was high.

CASE 04

A silver chalice was taken from the restoration lab of Brookfield Art Institute during the overnight window between 01:15 and 05:30. The operation required specific qualifications, access, and timing. 7 suspects are under investigation: Vera (security guard), Bram (art restorer), Caelan (janitor), Marisol (curator), Ravi (tour guide), Ula (docent), Magnus (exhibition designer). Several have strong-looking motives.

Q Who took the silver chalice?

1. Four independent requirements: a master key issued only to senior staff, administrator credentials, presence between 01:15 and 05:30, and authorization to handle the item.
2. Ravi's badge swipe log shows them off-site the entire window.
3. Bram claims to have exited the building at 23:35 – the official badge log confirms this.
4. The trace at the scene (a foam replica skillfully painted with restoration-grade spray paint) ties directly to inventory or systems uniquely accessible to Bram.
5. Magnus has authorization to handle the item and a master key issued only to senior staff – initial suspicion was high.
6. Ula's door sensor shows them off-site the entire window.
7. The theft involved a foam replica skillfully painted with restoration-grade spray paint.
8. Magnus was passed over for a recent promotion – appears to have motive.
9. Caelan had financial pressure – appears to have motive.
10. Initial assumption pointed to Vera because of being seen near the building, but this has been independently ruled out.
11. Vera clashed publicly with management – appears to have motive.
12. However: Magnus is cleared – but they were on a documented overnight flight, verified by airline records.

Deduction Mysteries

CASE 05

A locker key was taken from the sports equipment room of Pemberton School during the overnight window between 02:00 and 06:45. The operation required specific qualifications, access, and timing. 8 suspects are under investigation: Mei (coach), Omari (student council president), Lucia (janitor), Aleksandr (librarian), Eitan (secretary), Kenji (school counselor), Zoltan (principal), Helena (substitute teacher). Several have strong-looking motives.

Q Who took the locker key?

1. Omari was officially signed out at 23:15 via the front-desk register.
2. Mei has clearance to the restricted archive and a verified relationship with the donor and knowledge of the seal serial pattern – initial suspicion was high.
3. Mei had financial pressure – appears to have motive.
4. Aleksandr has clearance to the restricted archive and a verified relationship with the donor and knowledge of the seal serial pattern – initial suspicion was high.
5. Lucia's keycard log shows them off-site the entire window.
6. But: however the unsecured service entrance doesn't require a badge to re-enter.
7. However: Mei is cleared – but hallway camera places them at the hospital with a family emergency during the entire window.
8. Helena lacks a verified relationship with the donor – security audit confirms.
9. However: Aleksandr is cleared – but they were on a documented overnight flight, verified by airline records.
- 10 The theft involved an encryption signature tied to the internal training network.
- 11 Omari has all four requirements: clearance to the restricted archive, a verified relationship with the donor, knowledge of the seal serial pattern, and meets the temporal requirement (presence between 02:00 and 06:45).

CASE 06

A restricted-area code was taken from the intensive care wing of Helix Health Center during the overnight window between 00:15 and 03:30. The operation required specific qualifications, access, and timing. 7 suspects are under investigation: Rhys (medical resident), Thora (technician), Eleni (pharmacist), Iolanthe (social worker), Ronan (janitor), Akira (head nurse), Meriel (attending physician). Several have strong-looking motives.

Q Who took the restricted-area code?

1. Thora filed a grievance two weeks ago – appears to have motive.
2. Four independent requirements: specialized engineering certification, administrator credentials, presence between 00:15 and 03:30, and familiarity with the security routing.
3. Ronan has all four requirements: specialized engineering certification, administrator credentials, familiarity with the security routing, and meets the temporal requirement (presence between 00:15 and 03:30).
4. Eleni has only specialized engineering certification of the four requirements.
5. Rhys has administrator credentials and familiarity with the security routing – initial suspicion was high.
6. Meriel had financial pressure – appears to have motive.
7. However: Thora is cleared – but they were on a documented overnight flight, verified by airline records.
8. Iolanthe's door sensor shows them off-site the entire window.
9. 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 Ronan.
- 10 Rhys had financial pressure – appears to have motive.

Answer Key – Deduction Mysteries

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

Case 01 F) Elara

- Four requirements (elevated system privileges, a verified relationship with the donor, presence between 02:15 and 06:30, authorization to handle the item) plus a unique technical trace narrow the case.
 - Dario appears guilty (has multiple requirements, has motive) but is cleared by an independent verification.
-

Case 02 B) Helena

- Four requirements (advanced restoration training, clean-room or vault clearance, presence between 02:15 and 06:30, familiarity with the security routing) plus a unique technical trace narrow the case.
 - Tomas appears guilty (has multiple requirements, has motive) but is cleared by an independent verification.
-

Case 03 F) Aaliyah

- Four requirements (a master key issued only to senior staff, a verified relationship with the donor, presence between 01:45 and 04:15, knowledge of the seal serial pattern) plus a unique technical trace narrow the case.
 - Lana appears guilty (has multiple requirements, has motive) but is cleared by an independent verification.
-

Case 04 C) Bram

- Four requirements (a master key issued only to senior staff, administrator credentials, presence between 01:15 and 05:30, authorization to handle the item) plus a unique technical trace narrow the case.
 - Caelan appears guilty (has multiple requirements, has motive) but is cleared by an independent verification.
-

Case 05 C) Omari

- Four requirements (clearance to the restricted archive, a verified relationship with the donor, presence between 02:00 and 06:45, knowledge of the seal serial pattern) plus a unique technical trace narrow the case.
 - Zoltan appears guilty (has multiple requirements, has motive) but is cleared by an independent verification.
-

Case 06 F) Ronan

- Four requirements (specialized engineering certification, administrator credentials, presence between 00:15 and 03:30, familiarity with the security routing) plus a unique technical trace narrow the case.
- Thora appears guilty (has multiple requirements, has motive) but is cleared by an independent verification.