

Deduction Mysteries

CASE 01

A team trophy was taken from the administration office of Aldermarsh Arena during the overnight window between 01:15 and 05:15. The operation required specific qualifications, access, and timing. 7 suspects are under investigation: Priya (team captain), Emiko (rookie player), Xanthe (assistant coach), Leila (facilities manager), Zephyr (referee), Beatrix (star player), Idris (equipment manager). Several have strong-looking motives.

Q Who took the team trophy?

1. Priya was officially signed out at 22:10 via the front-desk register.
2. Priya has all four requirements: elevated system privileges, administrator credentials, knowledge of the seal serial pattern, and meets the temporal requirement (presence between 01:15 and 05:15).
3. Idris has administrator credentials and elevated system privileges – initial suspicion was high.
4. But: however elevator override log records show they re-authenticated from an internal network at 1:45.
5. Zephyr has administrator credentials and elevated system privileges – initial suspicion was high.
6. However: Zephyr is cleared – but two independent witnesses confirm a video call with them throughout the window.
7. Beatrix lacks elevated system privileges – confirmed by personnel records.
8. Emiko clashed publicly with management – appears to have motive.
9. Emiko has knowledge of the seal serial pattern and administrator credentials – initial suspicion was high.
- 10 However: Emiko is cleared – but their facility badge was revoked the day before – confirmed in the security audit.
- 11 Leila's badge log shows them off-site the entire window.
- 12 Xanthe lacks elevated system privileges – confirmed by personnel records.

CASE 02

The title transfer documents were taken from the staff break room of Saint-Clair Historical Society during the overnight window between 00:45 and 03:15. The operation required specific qualifications, access, and timing. 7 suspects are under investigation: Marisol (genealogist), Mei (head archivist), Octavia (intern), Phaedra (security officer), Cedric (records administrator), Polina (researcher), Elara (clerk). Several have strong-looking motives.

Q Who took the title transfer documents?

1. Initial assumption pointed to Octavia because of being seen near the building, but this has been independently ruled out.
2. But: however pedestrian-door sensor records show they re-authenticated from an internal network at 1:20.
3. Cedric claims to have exited the building at 23:00 – the official badge log confirms this.
4. Polina clashed publicly with management – appears to have motive.
5. Octavia has only authorization to handle the item of the four requirements.
6. However: Phaedra is cleared – but they were on a documented overnight flight, verified by airline records.
7. However: Mei is cleared – but their archive badge was revoked the day before – confirmed in the security audit.
8. The theft involved a network certificate signed by senior staff.
9. Elara has only documented hands-on history with the item of the four requirements.
- 10 However: Polina is cleared – but badge swipe places them at the hospital with a family emergency during the entire window.
- 11 Phaedra has authorization to handle the item and specialized engineering certification and documented hands-on history with the item – initial suspicion was high.

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CASE 03

A reference card index was taken from the periodicals room of Helix Reading Room during the overnight window between 01:45 and 05:00. The operation required specific qualifications, access, and timing. 8 suspects are under investigation: Mahdi (cataloger), Gemma (rare-books curator), Daphne (research assistant), Kiran (head librarian), Ilya (archivist), Stellan (volunteer), Hattie (custodian), Zephyr (visiting scholar). Several have strong-looking motives.

Q Who took the reference card index?

1. But: however the unsecured side stairwell doesn't require a badge to re-enter.
2. Stellan has all four requirements: a master key issued only to senior staff, after-hours building access, authorization to handle the item, and meets the temporal requirement (presence between 01:45 and 05:00).
3. Ilya was passed over for a recent promotion – appears to have motive.
4. Zephyr's security camera shows them off-site the entire window.
5. However: Hattie is cleared – but two independent witnesses confirm a video call with them throughout the window.
6. Hattie has a master key issued only to senior staff and authorization to handle the item and after-hours building access – initial suspicion was high.
7. Hattie clashed publicly with management – appears to have motive.
8. Gemma's archive log shows them off-site the entire window.
9. Kiran lacks after-hours building access – security audit confirms.
- 10 Mahdi has authorization to handle the item and after-hours building access – initial suspicion was high.
- 11 Four independent requirements: a master key issued only to senior staff, after-hours building access, presence between 01:45 and 05:00, and authorization to handle the item.

CASE 04

A musical score was taken from the box office of Argent Theatre during the overnight window between 00:45 and 03:45. The operation required specific qualifications, access, and timing. 8 suspects are under investigation: Odell (director), Nikolai (stage manager), Indira (box-office manager), Fenella (lighting tech), Aaliyah (understudy), Cedric (costume designer), Cassia (stagehand), Aleksandr (lead actor). Several have strong-looking motives.

Q Who took the musical score?

1. But: however the unsecured side stairwell doesn't require a badge to re-enter.
2. Aaliyah has only administrator credentials of the four requirements.
3. However: Cassia is cleared – but they were on a documented overnight flight, verified by airline records.
4. Cassia was passed over for a recent promotion – appears to have motive.
5. Cedric has only familiarity with the security routing of the four requirements.
6. The theft involved a foam replica skillfully painted with restoration-grade spray paint.
7. Odell had financial pressure – appears to have motive.
8. Aleksandr has familiarity with the security routing and advanced restoration training – initial suspicion was high.
9. Four independent requirements: advanced restoration training, administrator credentials, presence between 00:45 and 03:45, and familiarity with the security routing.
- 10 Odell has advanced restoration training and administrator credentials and familiarity with the security routing – initial suspicion was high.
- 11 Nikolai's box-office system shows them off-site the entire window.
- 12 Indira has all four requirements: advanced restoration training, administrator credentials, familiarity with the security routing, and meets the temporal requirement (presence between 00:45 and 03:45).

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CASE 05

A prop weapon was taken from the director's office of Argent Theatre during the overnight window between 02:30 and 05:30. The operation required specific qualifications, access, and timing. 8 suspects are under investigation: Juno (stagehand), Mira (costume designer), Gisela (musical director), Kasper (understudy), Darya (stage manager), Kai (box-office manager), Stellan (lead actor), Helena (prop master). Several have strong-looking motives.

Q Who took the prop weapon?

1. Darya filed a grievance two weeks ago – appears to have motive.
2. Kai has knowledge of the seal serial pattern and documented hands-on history with the item and advanced restoration training – initial suspicion was high.
3. The theft involved a hand-machined tool stocked in only one closet.
4. Gisela lacks advanced restoration training – confirmed by personnel records.
5. Mira filed a grievance two weeks ago – appears to have motive.
6. Stellan lacks advanced restoration training – confirmed by personnel records.
7. Kai clashed publicly with management – appears to have motive.
8. Mira has documented hands-on history with the item and knowledge of the seal serial pattern – initial suspicion was high.
9. Helena's witness crew member shows them off-site the entire window.
- 10 Juno has all four requirements: advanced restoration training, documented hands-on history with the item, knowledge of the seal serial pattern, and meets the temporal requirement (presence between 02:30 and 05:30).
- 11 However: Darya is cleared – but they were on a documented overnight flight, verified by airline records.
- 12 But: however VPN session record records show they re-authenticated from an internal network at 1:15.

CASE 06

A lead actor's costume was taken from the box office of Helix Repertory during the overnight window between 00:00 and 03:30. The operation required specific qualifications, access, and timing. 8 suspects are under investigation: Diallo (box-office manager), Akira (stagehand), Leila (lighting tech), Zoltan (understudy), Aurora (stage manager), Lana (director), Jacinta (prop master), Sami (musical director). Several have strong-looking motives.

Q Who took the lead actor's costume?

1. The theft involved a seal cut with a serial pattern from a specific supply.
2. Lana lacks clean-room or vault clearance – security audit confirms.
3. Aurora claims to have exited the building at 22:35 – the official badge log confirms this.
4. Jacinta was passed over for a recent promotion – appears to have motive.
5. However: Jacinta is cleared – but witness crew member places them at the hospital with a family emergency during the entire window.
6. Sami lacks clean-room or vault clearance – security audit confirms.
7. But: however seal serial registry records show they re-authenticated from an internal network at 2:30.
8. Diallo's rehearsal sign-in shows them off-site the entire window.
9. Initial assumption pointed to Leila because of public friction with management, but this has been independently ruled out.
- 10 Akira has knowledge of the seal serial pattern and clearance to the restricted archive – initial suspicion was high.
- 11 However: Zoltan is cleared – but two independent witnesses confirm a video call with them throughout the window.

Answer Key – Deduction Mysteries

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

Case 01 A) Priya

- ☒ Four requirements (elevated system privileges, administrator credentials, presence between 01:15 and 05:15, knowledge of the seal serial pattern) plus a unique technical trace narrow the case.
 - ☒ Zephyr appears guilty (has multiple requirements, has motive) but is cleared by an independent verification.
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Case 02 D) Cedric

- ☒ Four requirements (specialized engineering certification, documented hands-on history with the item, presence between 00:45 and 03:15, authorization to handle the item) plus a unique technical trace narrow the case.
 - ☒ Phaedra appears guilty (has multiple requirements, has motive) but is cleared by an independent verification.
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Case 03 undefined) Stellan

- ☒ Four requirements (a master key issued only to senior staff, after-hours building access, presence between 01:45 and 05:00, authorization to handle the item) plus a unique technical trace narrow the case.
 - ☒ Hattie appears guilty (has multiple requirements, has motive) but is cleared by an independent verification.
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Case 04 A) Indira

- ☒ Four requirements (advanced restoration training, administrator credentials, presence between 00:45 and 03:45, familiarity with the security routing) plus a unique technical trace narrow the case.
 - ☒ Cassia appears guilty (has multiple requirements, has motive) but is cleared by an independent verification.
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Case 05 D) Juno

- ☒ Four requirements (advanced restoration training, documented hands-on history with the item, presence between 02:30 and 05:30, knowledge of the seal serial pattern) plus a unique technical trace narrow the case.
 - ☒ Kai appears guilty (has multiple requirements, has motive) but is cleared by an independent verification.
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Case 06 E) Aurora

- ☒ Four requirements (clearance to the restricted archive, clean-room or vault clearance, presence between 00:00 and 03:30, knowledge of the seal serial pattern) plus a unique technical trace narrow the case.
- ☒ Akira appears guilty (has multiple requirements, has motive) but is cleared by an independent verification.