

Deduction Mysteries

CASE 01

A referee's notebook was taken from the coach's office of Northgate Athletic Club during the overnight window between 21:45 and 23:45. Investigators have narrowed the field to 5 suspects: Ishaan (athletic trainer), Helena (team captain), Ilya (equipment manager), Lana (assistant coach), Xanthe (rookie player).

Q Who took the referee's notebook?

1. Xanthe's locker code was activated at 21:45 at the coach's office.
2. Xanthe had outstanding financial debt, well-documented in HR records.
3. Locker code access to the coach's office is restricted to Ishaan, Lana, Xanthe.
4. The theft required social-engineering skill. Only Xanthe, Ishaan, Ilya have it among the suspects.
5. Helena's equipment sign-out places them at a documented training session from 21:45 to roughly 23:45.
6. Xanthe has no verifiable account of their whereabouts after 21:45.
7. Ilya's witness teammate places them at a documented training session from 21:45 to roughly 23:45.
8. Lana's time-clock record places them at a remote conference from 21:45 to roughly 23:45.
9. Ishaan's equipment sign-out places them at a remote conference from 21:45 to roughly 23:45.

A) Ilya	B) Lana	C) Xanthe	D) Helena	E) Ishaan
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CASE 02

A sealed parts shipment was taken from the parts storage of Saint-Clair Machining during the overnight window between 19:45 and 21:00. Investigators have narrowed the field to 6 suspects: Akira (electrician), Florian (machinist), Wilder (shop manager), Ezra (customer service rep), Zara (quality inspector), Dimah (welder).

Q Who took the sealed parts shipment?

1. Ezra's witness coworker places them at a public event with hundreds of attendees from 19:45 to roughly 21:00.
2. The theft required complex schematic knowledge. Only Ezra, Akira, Florian have it among the suspects.
3. Wilder's witness coworker places them at a public event with hundreds of attendees from 19:45 to roughly 21:00.
4. Florian had passed-over promotion, well-documented in HR records.
5. Zara's time-clock log places them at a remote conference from 19:45 to roughly 21:00.
6. Dimah's witness coworker places them at a public event with hundreds of attendees from 19:45 to roughly 21:00.
7. Shop key access to the parts storage is restricted to Florian, Wilder.
8. A discarded note near the scene briefly suggested Ezra's involvement, but it was later traced to an unrelated incident.
9. Florian has no verifiable account of their whereabouts after 19:45.
- 10 Florian's shop key was activated at 19:45 at the parts storage.
- 11 Akira's parts-room audit places them at a hospital visit from 19:45 to roughly 21:00.

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CASE 03

The admin credentials were extracted from the code review room of Northgate Systems during the overnight window between 20:00 and 22:00. Investigators have narrowed the field to 6 suspects: Talia (site-reliability engineer), Caelan (DevOps lead), Ramona (product manager), Diallo (CTO), Mei (support lead), Aleksandr (intern).

Q Who extracted the admin credentials?

1. Aleksandr's MFA token log places them at a public event with hundreds of attendees from 20:00 to roughly 22:00.
2. Ramona's CCTV camera places them at a public event with hundreds of attendees from 20:00 to roughly 22:00.
3. Diallo's MFA token log places them at a hospital visit from 20:00 to roughly 22:00.
4. Caelan had outstanding financial debt, well-documented in HR records.
5. Caelan's admin token was activated at 20:00 at the code review room.
6. The data theft required social-engineering skill. Only Caelan, Diallo, Talia have it among the suspects.
7. Talia's MFA token log places them at a public event with hundreds of attendees from 20:00 to roughly 22:00.
8. Admin token access to the code review room is restricted to Caelan, Talia, Aleksandr.
9. Caelan has no verifiable account of their whereabouts after 20:00.
- 10 Mei's VPN session log places them at a remote conference from 20:00 to roughly 22:00.
- 11 A discarded note near the scene briefly suggested Ramona's involvement, but it was later traced to an unrelated incident.

CASE 04

A sound-system controller was taken from the dressing room of Northgate Stage during the overnight window between 19:30 and 21:15. Investigators have narrowed the field to 5 suspects: Klaus (director), Amelia (prop master), Zinnia (lead actor), Bram (stage manager), Saoirse (lighting tech).

Q Who took the sound-system controller?

1. Saoirse's stage door camera places them at a hospital visit from 19:30 to roughly 21:15.
2. Bram has no verifiable account of their whereabouts after 19:30.
3. The theft required firmware manipulation. Only Bram, Zinnia, Klaus have it among the suspects.
4. Box-office key access to the dressing room is restricted to Bram, Klaus, Amelia.
5. Amelia's rehearsal sign-in places them at a hospital visit from 19:30 to roughly 21:15.
6. Zinnia's box-office system places them at a public event with hundreds of attendees from 19:30 to roughly 21:15.
7. Bram's box-office key was activated at 19:30 at the dressing room.
8. Bram had a documented grievance, well-documented in HR records.
9. Klaus's witness crew member places them at a documented training session from 19:30 to roughly 21:15.
- 10 A discarded note near the scene briefly suggested Amelia's involvement, but it was later traced to an unrelated incident.

 A) Bram B) Amelia C) Klaus D) Zinnia E) Saoirse

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CASE 05

A client database was taken from the executive suite of Quartermaine & Associates during the overnight window between 21:45 and 23:15. Investigators have narrowed the field to 5 suspects: Cyrus (facilities coordinator), Wilder (records clerk), Gunnar (legal counsel), Jian (senior engineer), Leander (HR director).

Q Who took the client database?

1. Jian's admin credentials was activated at 21:45 at the executive suite.
2. Jian has no verifiable account of their whereabouts after 21:45.
3. Cyrus's printer log places them at a documented training session from 21:45 to roughly 23:15.
4. Leander's witness account places them at an offsite location from 21:45 to roughly 23:15.
5. Wilder's door access record places them at a remote conference from 21:45 to roughly 23:15.
6. The corporate theft required social-engineering skill. Only Leander, Jian, Cyrus have it among the suspects.
7. Gunnar's witness account places them at a public event with hundreds of attendees from 21:45 to roughly 23:15.
8. Jian had a documented grievance, well-documented in HR records.
9. Admin credentials access to the executive suite is restricted to Leander, Wilder, Jian.

A) Cyrus	B) Wilder	C) Gunnar	D) Jian	E) Leander
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NOTES

CASE 06

A rare ingredient was taken from the manager's office of Northgate Grill during the overnight window between 19:10 and 21:45. Investigators have narrowed the field to 6 suspects: Polina (sommelier), Yusuf (host), Akira (line cook), Ula (head chef), Mei (dishwasher), Olive (bartender).

Q Who took the rare ingredient?

1. Akira's kitchen camera places them at a public event with hundreds of attendees from 19:10 to roughly 21:45.
2. Mei's POS log places them at a hospital visit from 19:10 to roughly 21:45.
3. Ula's front-of-house camera places them at a remote conference from 19:10 to roughly 21:45.
4. Master key access to the manager's office is restricted to Yusuf, Polina.
5. Olive's front-of-house camera places them at a public event with hundreds of attendees from 19:10 to roughly 21:45.
6. Polina's front-of-house camera places them at a documented training session from 19:10 to roughly 21:45.
7. The theft required medical sedative protocols. Only Yusuf, Akira, Olive have it among the suspects.
8. Yusuf had outstanding financial debt, well-documented in HR records.
9. Yusuf has no verifiable account of their whereabouts after 19:10.
- 10 Yusuf's master key was activated at 19:10 at the manager's office.

A) Ula	B) Polina	C) Olive	D) Akira	E) Yusuf	F) Mei
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Answer Key – Deduction Mysteries

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

Case 01 C) Xanthe

- ❑ The theft required social-engineering skill, locker code, and a motivating reason.
 - ❑ Ishaan has skill and access but a verified alibi places them offsite – cleared.
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Case 02 B) Florian

- ❑ The theft required complex schematic knowledge, shop key, and a motivating reason.
 - ❑ Akira has the skill but no shop key – cleared.
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Case 03 D) Caelan

- ❑ The data theft required social-engineering skill, admin token, and a motivating reason.
 - ❑ Talia has skill and access but a verified alibi places them offsite – cleared.
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Case 04 A) Bram

- ❑ The theft required firmware manipulation, box-office key, and a motivating reason.
 - ❑ Klaus has skill and access but a verified alibi places them offsite – cleared.
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Case 05 D) Jian

- ❑ The corporate theft required social-engineering skill, admin credentials, and a motivating reason.
 - ❑ Cyrus has the skill but no admin credentials – cleared.
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Case 06 E) Yusuf

- ❑ The theft required medical sedative protocols, master key, and a motivating reason.
 - ❑ Polina lacks the required medical sedative protocols – cleared.
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