

Deduction Mysteries

CASE 01

An original land deed was taken from the research area of Helix Heritage Foundation during the overnight window between 21:15 and 23:15. Investigators have narrowed the field to 6 suspects: Yusuf (volunteer), Ramona (security officer), Ulla (intern), Vera (clerk), Bayan (conservation specialist), Darya (genealogist).

Q Who took the original land deed?

1. Yusuf had outstanding financial debt, well-documented in HR records.
2. Vera's witness patron places them at a documented training session from 21:15 to roughly 23:15.
3. The theft required advanced lock-picking expertise. Only Yusuf, Bayan, Vera have it among the suspects.
4. Darya's camera footage places them at an offsite location from 21:15 to roughly 23:15.
5. Admin code access to the research area is restricted to Yusuf, Ulla, Ramona.
6. Yusuf has no verifiable account of their whereabouts after 21:15.
7. Bayan's archive log places them at a public event with hundreds of attendees from 21:15 to roughly 23:15.
8. Ulla's badge swipe places them at an offsite location from 21:15 to roughly 23:15.
9. Ramona's witness patron places them at a hospital visit from 21:15 to roughly 23:15.
- 10 A discarded note near the scene briefly suggested Ulla's involvement, but it was later traced to an unrelated incident.
- 11 Yusuf's admin code was activated at 21:15 at the research area.

A) Ulla	B) Ramona	C) Darya	D) Vera	E) Bayan	F) Yusuf
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CASE 02

A staff payroll list was taken from the records office of Aldermarsh High during the overnight window between 19:10 and 21:15. Investigators have narrowed the field to 5 suspects: Jules (school counselor), Bayan (substitute teacher), Gemma (department head), Akira (secretary), Rhys (librarian).

Q Who took the staff payroll list?

1. Jules's printer log places them at a documented training session from 19:10 to roughly 21:15.
2. The theft required social-engineering skill. Only Rhys, Bayan, Akira have it among the suspects.
3. Gemma's keycard log places them at a remote conference from 19:10 to roughly 21:15.
4. Rhys has no verifiable account of their whereabouts after 19:10.
5. Rhys had outstanding financial debt, well-documented in HR records.
6. Bayan's hallway camera places them at a hospital visit from 19:10 to roughly 21:15.
7. Master key access to the records office is restricted to Rhys, Bayan.
8. Rhys's master key was activated at 19:10 at the records office.
9. Akira's witness statement places them at a remote conference from 19:10 to roughly 21:15.

A) Jules	B) Gemma	C) Rhys	D) Bayan	E) Akira
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CASE 03

A rare ingredient was taken from the outdoor patio of The Briar Room during the overnight window between 21:45 and 23:45. Investigators have narrowed the field to 6 suspects: Polina (sommelier), Ginevra (head chef), Galina (server), Fenella (pastry chef), Emiko (bartender), Tomas (manager).

Q Who took the rare ingredient?

1. The theft required encryption key generation. Only Tomas, Fenella, Ginevra have it among the suspects.
2. Ginevra's manager key was activated at 21:45 at the outdoor patio.
3. Ginevra has no verifiable account of their whereabouts after 21:45.
4. A discarded note near the scene briefly suggested Emiko's involvement, but it was later traced to an unrelated incident.
5. Ginevra had recent disciplinary action, well-documented in HR records.
6. Tomas's kitchen camera places them at a remote conference from 21:45 to roughly 23:45.
7. Emiko's witness server places them at a documented training session from 21:45 to roughly 23:45.
8. Fenella's front-of-house camera places them at a hospital visit from 21:45 to roughly 23:45.
9. Polina's witness server places them at a remote conference from 21:45 to roughly 23:45.
- 10 Galina's witness server places them at a remote conference from 21:45 to roughly 23:45.
- 11 Manager key access to the outdoor patio is restricted to Ginevra, Polina.

A) Ginevra	B) Emiko	C) Tomas	D) Polina	E) Galina	F) Fenella
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CASE 04

A production database was extracted from the engineer pod of Helix Tech during the overnight window between 21:10 and 23:15. Investigators have narrowed the field to 5 suspects: Anand (senior engineer), Galina (DevOps lead), Vidal (contractor), Ula (intern), Tariq (CTO).

Q Who extracted the production database?

1. Ula has no verifiable account of their whereabouts after 21:10.
2. The data theft required encryption key generation. Only Ula, Anand, Galina have it among the suspects.
3. A discarded note near the scene briefly suggested Anand's involvement, but it was later traced to an unrelated incident.
4. Anand's CCTV camera places them at a public event with hundreds of attendees from 21:10 to roughly 23:15.
5. Ula had a documented grievance, well-documented in HR records.
6. Ula's admin token was activated at 21:10 at the engineer pod.
7. Galina's CCTV camera places them at an offsite location from 21:10 to roughly 23:15.
8. Admin token access to the engineer pod is restricted to Ula, Anand, Tariq.
9. Tariq's CCTV camera places them at a remote conference from 21:10 to roughly 23:15.
- 10 Vidal's badge swipe places them at a remote conference from 21:10 to roughly 23:15.

A) Ula	B) Anand	C) Vidal	D) Tariq	E) Galina
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CASE 05

A referee's notebook was taken from the coach's office of Pemberton Stadium during the overnight window between 21:15 and 23:00. Investigators have narrowed the field to 5 suspects: Nizar (rookie player), Faye (equipment manager), Yusuf (referee), Thora (head coach), Kiran (star player).

Q Who took the referee's notebook?

1. Thora had passed-over promotion, well-documented in HR records.
2. The theft required professional restoration training. Only Thora, Nizar, Yusuf have it among the suspects.
3. Thora's locker code was activated at 21:15 at the coach's office.
4. Yusuf's equipment sign-out places them at a public event with hundreds of attendees from 21:15 to roughly 23:00.
5. Locker code access to the coach's office is restricted to Thora, Nizar.
6. A discarded note near the scene briefly suggested Yusuf's involvement, but it was later traced to an unrelated incident.
7. Kiran's equipment sign-out places them at a hospital visit from 21:15 to roughly 23:00.
8. Thora has no verifiable account of their whereabouts after 21:15.
9. Faye's equipment sign-out places them at a hospital visit from 21:15 to roughly 23:00.
- 10 Nizar's facility camera places them at an offsite location from 21:15 to roughly 23:00.

A) Kiran	B) Nizar	C) Thora	D) Yusuf	E) Faye
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CASE 06

A sealed reagent was swapped from the autoclave room of Coriolis Institute during the overnight window between 20:45 and 22:00. Investigators have narrowed the field to 5 suspects: Nadia (postdoctoral researcher), Indira (undergraduate volunteer), Eitan (clinical coordinator), Iolanthe (safety officer), Kasimir (operations manager).

Q Who swapped the sealed reagent?

1. Biohazard clearance access to the autoclave room is restricted to Eitan, Nadia.
2. Iolanthe's badge swipe places them at a remote conference from 20:45 to roughly 22:00.
3. Eitan's biohazard clearance was activated at 20:45 at the autoclave room.
4. Indira's clean-room entry log places them at a hospital visit from 20:45 to roughly 22:00.
5. The sample tampering required encryption key generation. Only Eitan, Iolanthe, Kasimir have it among the suspects.
6. Kasimir's sample log places them at a hospital visit from 20:45 to roughly 22:00.
7. Nadia's clean-room entry log places them at a hospital visit from 20:45 to roughly 22:00.
8. Eitan had passed-over promotion, well-documented in HR records.
9. Eitan has no verifiable account of their whereabouts after 20:45.

A) Indira	B) Nadia	C) Kasimir	D) Iolanthe	E) Eitan
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Answer Key – Deduction Mysteries

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

Case 01 F) Yusuf

- ☒ The theft required advanced lock-picking expertise, admin code, and a motivating reason.
 - ☒ Ramona lacks the required advanced lock-picking expertise – cleared.
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Case 02 C) Rhys

- ☒ The theft required social-engineering skill, master key, and a motivating reason.
 - ☒ Jules lacks the required social-engineering skill – cleared.
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Case 03 A) Ginevra

- ☒ The theft required encryption key generation, manager key, and a motivating reason.
 - ☒ Polina lacks the required encryption key generation – cleared.
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Case 04 A) Ula

- ☒ The data theft required encryption key generation, admin token, and a motivating reason.
 - ☒ Anand has skill and access but a verified alibi places them offsite – cleared.
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Case 05 C) Thora

- ☒ The theft required professional restoration training, locker code, and a motivating reason.
 - ☒ Nizar has skill and access but a verified alibi places them offsite – cleared.
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Case 06 E) Eitan

- ☒ The sample tampering required encryption key generation, biohazard clearance, and a motivating reason.
- ☒ Nadia lacks the required encryption key generation – cleared.