

Deduction Mysteries

CASE 01

The locker contents were taken from the equipment shed of Aldermarsh Arena during the overnight window between 20:00 and 22:00. Investigators have narrowed the field to 6 suspects: Quentin (star player), Nizar (assistant coach), Eleni (rookie player), Damaris (equipment manager), Dario (referee), Isolde (team captain).

Q Who took the locker contents?

1. Isolde's witness teammate places them at a documented training session from 20:00 to roughly 22:00.
2. Eleni's time-clock record places them at a hospital visit from 20:00 to roughly 22:00.
3. The theft required encryption key generation. Only Quentin, Nizar, Damaris have it among the suspects.
4. Nizar's badge log places them at a documented training session from 20:00 to roughly 22:00.
5. Quentin had an ongoing dispute with management, well-documented in HR records.
6. Dario's equipment sign-out places them at a hospital visit from 20:00 to roughly 22:00.
7. Quentin has no verifiable account of their whereabouts after 20:00.
8. Damaris's locker-room sensor places them at a public event with hundreds of attendees from 20:00 to roughly 22:00.
9. Quentin's equipment-room key was activated at 20:00 at the equipment shed.
- 10 Equipment-room key access to the equipment shed is restricted to Quentin, Isolde, Nizar.

A) Quentin	B) Nizar	C) Isolde	D) Eleni	E) Dario	F) Damaris
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CASE 02

A reference card index was taken from the reference desk of Helix Reading Room during the overnight window between 21:30 and 23:45. Investigators have narrowed the field to 6 suspects: Wilder (rare-books curator), Galina (reference librarian), Anastasia (head librarian), Quentin (research assistant), Talia (volunteer), Bram (cataloger).

Q Who took the reference card index?

1. Bram's book-checkout record places them at a documented training session from 21:30 to roughly 23:45.
2. Anastasia's vault key was activated at 21:30 at the reference desk.
3. Wilder's badge swipe places them at a documented training session from 21:30 to roughly 23:45.
4. Quentin's security camera places them at a public event with hundreds of attendees from 21:30 to roughly 23:45.
5. Talia's witness patron places them at a remote conference from 21:30 to roughly 23:45.
6. Anastasia had passed-over promotion, well-documented in HR records.
7. Anastasia has no verifiable account of their whereabouts after 21:30.
8. Galina's badge swipe places them at a documented training session from 21:30 to roughly 23:45.
9. Vault key access to the reference desk is restricted to Anastasia, Quentin, Galina.
- 10 The theft required encryption key generation. Only Galina, Anastasia, Talia have it among the suspects.

A) Wilder	B) Quentin	C) Galina	D) Talia	E) Anastasia	F) Bram
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CASE 03

A bronze sculpture was taken from the loading dock of Aldworth Collection during the overnight window between 19:00 and 21:30. Investigators have narrowed the field to 6 suspects: Hattie (archivist), Oren (tour guide), Beatrix (security guard), Cassia (gift shop manager), Kenji (docent), Galina (exhibition designer).

Q Who took the bronze sculpture?

1. Oren's security camera places them at an offsite location from 19:00 to roughly 21:30.
2. Kenji's witness testimony places them at an offsite location from 19:00 to roughly 21:30.
3. Hattie's witness testimony places them at a documented training session from 19:00 to roughly 21:30.
4. A discarded note near the scene briefly suggested Hattie's involvement, but it was later traced to an unrelated incident.
5. Keycard access to the loading dock is restricted to Galina, Cassia, Hattie.
6. The theft required complex schematic knowledge. Only Galina, Kenji, Oren have it among the suspects.
7. Cassia's elevator log places them at a hospital visit from 19:00 to roughly 21:30.
8. Galina's keycard was activated at 19:00 at the loading dock.
9. Galina has no verifiable account of their whereabouts after 19:00.
10. Beatrix's witness testimony places them at an offsite location from 19:00 to roughly 21:30.
11. Galina had passed-over promotion, well-documented in HR records.

A) Kenji	B) Hattie	C) Oren	D) Beatrix	E) Cassia	F) Galina
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CASE 04

A restricted-area code was taken from the pharmacy of Northgate Memorial during the overnight window between 21:10 and 23:00. Investigators have narrowed the field to 6 suspects: Akhil (head nurse), Tariq (medical resident), Hadley (technician), Gunnar (administrator), Yusuf (pharmacist), Hasan (security officer).

Q Who took the restricted-area code?

1. Tariq's witness staff places them at a remote conference from 21:10 to roughly 23:00.
2. The theft required medical sedative protocols. Only Gunnar, Hadley, Tariq have it among the suspects.
3. Gunnar's pharmacy key was activated at 21:10 at the pharmacy.
4. Akhil's badge log places them at an offsite location from 21:10 to roughly 23:00.
5. Pharmacy key access to the pharmacy is restricted to Gunnar, Tariq, Hadley.
6. Yusuf's door sensor places them at a public event with hundreds of attendees from 21:10 to roughly 23:00.
7. Gunnar has no verifiable account of their whereabouts after 21:10.
8. Hasan's medication audit places them at a hospital visit from 21:10 to roughly 23:00.
9. Gunnar had passed-over promotion, well-documented in HR records.
10. Hadley's witness staff places them at an offsite location from 21:10 to roughly 23:00.
11. A discarded note near the scene briefly suggested Tariq's involvement, but it was later traced to an unrelated incident.

A) Hasan	B) Tariq	C) Gunnar	D) Hadley	E) Akhil	F) Yusuf
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Deduction Mysteries

CASE 05

The board minutes were taken from the executive suite of Cedarstone Inc during the overnight window between 19:00 and 21:45. Investigators have narrowed the field to 5 suspects: Mahdi (executive assistant), Cedric (legal counsel), Klaus (senior engineer), Nizar (records clerk), Nadia (security officer).

Q Who took the board minutes?

1. Mahdi has no verifiable account of their whereabouts after 19:00.
2. Klaus's door access record places them at a hospital visit from 19:00 to roughly 21:45.
3. Mahdi had recent disciplinary action, well-documented in HR records.
4. Mahdi's employee badge was activated at 19:00 at the executive suite.
5. Employee badge access to the executive suite is restricted to Mahdi, Klaus.
6. Nizar's elevator log places them at a remote conference from 19:00 to roughly 21:45.
7. Nadia's VPN session log places them at a remote conference from 19:00 to roughly 21:45.
8. The corporate theft required social-engineering skill. Only Mahdi, Nizar, Klaus have it among the suspects.
9. Cedric's elevator log places them at a documented training session from 19:00 to roughly 21:45.

A) Nadia	B) Klaus	C) Cedric	D) Nizar	E) Mahdi
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CASE 06

A staff payroll list was taken from the computer lab of Pemberton School during the overnight window between 20:10 and 22:45. Investigators have narrowed the field to 5 suspects: Caelan (librarian), Joren (department head), Pavel (teacher), Dimah (coach), Amelia (secretary).

Q Who took the staff payroll list?

1. Pavel has no verifiable account of their whereabouts after 20:10.
2. The theft required encryption key generation. Only Pavel, Dimah, Amelia have it among the suspects.
3. Dimah's keycard log places them at a remote conference from 20:10 to roughly 22:45.
4. Joren's keycard log places them at a hospital visit from 20:10 to roughly 22:45.
5. Pavel's master key was activated at 20:10 at the computer lab.
6. Amelia's attendance log places them at a hospital visit from 20:10 to roughly 22:45.
7. Master key access to the computer lab is restricted to Pavel, Dimah, Caelan.
8. Caelan's keycard log places them at a public event with hundreds of attendees from 20:10 to roughly 22:45.
9. Pavel had a documented grievance, well-documented in HR records.

A) Pavel	B) Dimah	C) Joren	D) Amelia	E) Caelan
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NOTES

Answer Key – Deduction Mysteries

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

Case 01 A) Quentin

- ❑ The theft required encryption key generation, equipment-room key, and a motivating reason.
 - ❑ Nizar has skill and access but a verified alibi places them offsite – cleared.
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Case 02 E) Anastasia

- ❑ The theft required encryption key generation, vault key, and a motivating reason.
 - ❑ Wilder lacks the required encryption key generation – cleared.
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Case 03 F) Galina

- ❑ The theft required complex schematic knowledge, keycard, and a motivating reason.
 - ❑ Hattie lacks the required complex schematic knowledge – cleared.
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Case 04 C) Gunnar

- ❑ The theft required medical sedative protocols, pharmacy key, and a motivating reason.
 - ❑ Akhil lacks the required medical sedative protocols – cleared.
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Case 05 E) Mahdi

- ❑ The corporate theft required social-engineering skill, employee badge, and a motivating reason.
 - ❑ Cedric lacks the required social-engineering skill – cleared.
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Case 06 A) Pavel

- ❑ The theft required encryption key generation, master key, and a motivating reason.
- ❑ Caelan lacks the required encryption key generation – cleared.