

Deduction Mysteries

CASE 01

A rare first edition was taken from the reading room of Quartermaine Archive between 03:45 and 05:30. The operation required specific qualifications and access. 7 suspects: Daphne (intern), Wilder (cataloger), Vera (volunteer), Helena (archivist), Eitan (rare-books curator), Phaedra (research assistant), Dario (head librarian).

Q Who took the rare first edition?

1. Wilder was seen near the curator office earlier that evening, but they had left the building by 21:30 and never returned.
2. Phaedra's badge swipe shows continuous presence in a separate building.
3. Helena has all three required qualifications.
4. Vera was at a documented conference during the window – verified by archive log.
5. Eitan lacks the required professional certification – confirmed by personnel records.
6. Helena stated they left the building at 23:50, but the elevator log shows their archive badge active at 03:45.
7. The theft required a digital certificate issued only to senior staff.
8. Wilder's vault key was revoked two weeks prior; archived access list confirms.
9. Dario's vault key was revoked two weeks prior; archived access list confirms.
- 10 A trace at the scene – a digital certificate issued only to senior staff – matches inventory . accessible only to Helena.
- 11 Three independent requirements: professional certification, vault key access, and presence at . the reading room during the 03:45-05:30 window.
- 12 Daphne had the qualifications but family was visiting during the window – third-party verified.

CASE 02

A sealed surgical kit was taken from the administration office of Saint-Clair Hospital between 03:15 and 05:00. The operation required specific qualifications and access. 6 suspects: Faye (administrator), Etienne (social worker), Aurora (janitor), Sigrid (medical resident), Idris (attending physician), Ilya (pharmacist).

Q Who took the sealed surgical kit?

1. Aurora has all three required qualifications.
2. Sigrid's restricted-wing access was revoked two weeks prior; archived access list confirms.
3. Faye had the qualifications but family was visiting during the window – third-party verified.
4. Faye was seen near the administrator office earlier that evening, but they had left the building by 21:15 and never returned.
5. Etienne had the qualifications but was hospitalized during the window – third-party verified.
6. Idris's restricted-wing access was revoked two weeks prior; archived access list confirms.
7. A trace at the scene – a specific paint formulation only stocked in the restoration lab – matches inventory accessible only to Aurora.
8. Aurora stated they left the building at 22:00, but the network authentication record shows their pharmacy key active at 03:15.
9. The theft required a specific paint formulation only stocked in the restoration lab.
- 10 Ilya was at a documented training during the window – verified by elevator log.
- 11 Three independent requirements: professional certification, restricted-wing access access, and . presence at the administration office during the 03:15-05:00 window.

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CASE 03

A signed manuscript was taken from the curator office of Pemberton Wing between 01:00 and 03:30. The operation required specific qualifications and access. 7 suspects: Priya (archivist), Kalisa (art restorer), Lucia (tour guide), Phaedra (exhibition designer), Aaliyah (security guard), Ginevra (docent), Finnegan (gift shop manager).

Q Who took the signed manuscript?

1. The theft required a digital certificate issued only to senior staff.
2. Aaliyah was at a documented hospital appointment during the window – verified by badge swipe log.
3. Phaedra's master key was revoked two weeks prior; archived access list confirms.
4. Three independent requirements: professional training, master key access, and presence at the curator office during the 01:00-03:30 window.
5. Ginevra's motion sensor shows continuous presence in a separate building.
6. A trace at the scene – a digital certificate issued only to senior staff – matches inventory accessible only to Kalisa.
7. Kalisa has all three required qualifications.
8. Aaliyah was seen near the private collection room earlier that evening, but they had left the building by 20:05 and never returned.
9. Finnegan lacks the required professional training – confirmed by personnel records.
10. Priya's motion sensor shows continuous presence in a separate building.
11. Kalisa stated they left the building at 23:35, but the door sensor history shows their . elevator access active at 01:00.

CASE 04

A sports trophy was taken from the principal's office of Northgate Academy between 00:30 and 02:30. The operation required specific qualifications and access. 7 suspects: Lana (janitor), Akhil (substitute teacher), Xanthe (librarian), Hadley (school counselor), Frida (principal), Kai (teacher), Lucia (coach).

Q Who took the sports trophy?

1. The theft required a custom-machined tool stocked only in equipment closet B.
2. Xanthe has all three required qualifications.
3. Akhil had the qualifications but family was visiting during the window – third-party verified.
4. Frida had the qualifications but was hospitalized during the window – third-party verified.
5. Xanthe stated they left the building at 22:55, but the parking-lot camera shows their master key active at 00:30.
6. Three independent requirements: professional expertise, records-room badge access, and presence at the principal's office during the 00:30-02:30 window.
7. Lucia had the qualifications but family was visiting during the window – third-party verified.
8. Lana was at a documented conference during the window – verified by attendance log.
9. A trace at the scene – a custom-machined tool stocked only in equipment closet B – matches inventory accessible only to Xanthe.
10. Kai's keycard log shows continuous presence in a separate building.
11. Hadley lacks the required professional expertise – confirmed by personnel records.
12. Kai was seen near the sports equipment room earlier that evening, but they had left the . building by 21:50 and never returned.

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CASE 05

A glass vase was taken from the storage basement of Argent Gallery between 01:30 and 03:15. The operation required specific qualifications and access. 6 suspects: Pavel (exhibition designer), Vera (tour guide), Hasan (janitor), Kasimir (security guard), Leila (night security), Xiomara (curator).

Q Who took the glass vase?

1. Hasan had the qualifications but was on a flight during the window – third-party verified.
2. Three independent requirements: professional training, keycard access, and presence at the storage basement during the 01:30-03:15 window.
3. Vera's security camera shows continuous presence in a separate building.
4. Kasimir has all three required qualifications.
5. Leila's badge swipe log shows continuous presence in a separate building.
6. A trace at the scene – a unique encryption signature traceable to internal-only training – matches inventory accessible only to Kasimir.
7. Pavel's keycard was revoked two weeks prior; archived access list confirms.
8. Xiomara was at a documented training during the window – verified by elevator log.
9. Kasimir stated they left the building at 23:45, but the parking-lot camera shows their master key active at 01:30.
- 10 The theft required a unique encryption signature traceable to internal-only training.
- 11 Vera was seen near the private collection room earlier that evening, but they had left the

building by 21:50 and never returned. A) Leila	B) Kasimir	C) Vera	D) Hasan	E) Pavel	F) Xiomara
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CASE 06

A client database was taken from the legal archive of Northgate Partners between 00:30 and 02:30. The operation required specific qualifications and access. 7 suspects: Florian (HR director), Kenji (senior engineer), Oren (IT administrator), Elara (CFO), Zoltan (records clerk), Fariha (intern), Zara (facilities coordinator).

Q Who took the client database?

1. Fariha was seen near the executive suite earlier that evening, but they had left the building by 21:55 and never returned.
2. Zara was at a documented hospital appointment during the window – verified by elevator log.
3. Elara has all three required qualifications.
4. Kenji lacks the required professional expertise – confirmed by personnel records.
5. Three independent requirements: professional expertise, admin credentials access, and presence at the legal archive during the 00:30-02:30 window.
6. Fariha's witness account shows continuous presence in a separate building.
7. The corporate theft required a stamped seal serial number from a controlled supply closet.
8. Elara stated they left the building at 22:05, but the badge access record shows their document-room code active at 00:30.
9. Zoltan's VPN session log shows continuous presence in a separate building.
- 10 Florian's security badge log shows continuous presence in a separate building.
- 11 Oren's printer log shows continuous presence in a separate building.
- 12 A trace at the scene – a stamped seal serial number from a controlled supply closet – matches . inventory accessible only to Elara.

Answer Key – Deduction Mysteries

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

Case 01 F) Helena

- ☒ Three requirements (professional certification, vault key, presence at the reading room during the 03:45-05:30 window) plus a technical trace narrow this case.
 - ☒ Daphne eliminated by alibi or missing qualification.
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Case 02 B) Aurora

- ☒ Three requirements (professional certification, restricted-wing access, presence at the administration office during the 03:15-05:00 window) plus a technical trace narrow this case.
 - ☒ Faye eliminated by alibi or missing qualification.
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Case 03 F) Kalisa

- ☒ Three requirements (professional training, master key, presence at the curator office during the 01:00-03:30 window) plus a technical trace narrow this case.
 - ☒ Priya eliminated by alibi or missing qualification.
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Case 04 D) Xanthe

- ☒ Three requirements (professional expertise, records-room badge, presence at the principal's office during the 00:30-02:30 window) plus a technical trace narrow this case.
 - ☒ Lana eliminated by alibi or missing qualification.
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Case 05 B) Kasimir

- ☒ Three requirements (professional training, keycard, presence at the storage basement during the 01:30-03:15 window) plus a technical trace narrow this case.
 - ☒ Pavel eliminated by alibi or missing qualification.
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Case 06 B) Elara

- ☒ Three requirements (professional expertise, admin credentials, presence at the legal archive during the 00:30-02:30 window) plus a technical trace narrow this case.
- ☒ Florian eliminated by alibi or missing qualification.