

Deduction Mysteries

CASE 01

A controlled medication was taken from the intensive care wing of Brierfield Hospital between 01:45 and 03:15. The operation required specific qualifications and access. 6 suspects: Simeon (social worker), Yara (attending physician), Kalinda (technician), Gunnar (pharmacist), Ezra (head nurse), Caelan (janitor).

Q Who took the controlled medication?

1. Simeon stated they left the building at 23:15, but the DHCP server log shows their hospital badge active at 01:45.
2. Yara's witness staff shows continuous presence in a separate building.
3. Caelan had the qualifications but was hospitalized during the window – third-party verified.
4. A trace at the scene – a unique encryption signature traceable to internal-only training – matches inventory accessible only to Simeon.
5. Gunnar lacks the required professional training – confirmed by personnel records.
6. Ezra's pharmacy key was revoked two weeks prior; archived access list confirms.
7. Three independent requirements: professional training, pharmacy key access, and presence at the intensive care wing during the 01:45-03:15 window.
8. Simeon has all three required qualifications.
9. The theft required a unique encryption signature traceable to internal-only training.
- 10 Kalinda was at a documented hospital appointment during the window – verified by badge log.
- 11 Kalinda was seen near the staff lounge earlier that evening, but they had left the building by

. 20:25 and never returned.					
A) Caelan	B) Yara	C) Simeon	D) Ezra	E) Gunnar	F) Kalinda

CASE 02

A reservation book was taken from the outdoor patio of Octavia's between 01:00 and 03:30. The operation required specific qualifications and access. 7 suspects: Akira (manager), Kalinda (dishwasher), Anastasia (sous chef), Yvonne (pastry chef), Darya (bartender), Penelope (server), Meriel (head chef).

Q Who took the reservation book?

1. Penelope stated they left the building at 23:00, but the elevator log shows their master key active at 01:00.
2. A trace at the scene – a custom-machined tool stocked only in equipment closet B – matches inventory accessible only to Penelope.
3. Anastasia lacks the required professional certification – confirmed by personnel records.
4. Anastasia was seen near the prep kitchen earlier that evening, but they had left the building by 20:15 and never returned.
5. Kalinda lacks the required professional certification – confirmed by personnel records.
6. Akira's front-of-house camera shows continuous presence in a separate building.
7. Three independent requirements: professional certification, manager key access, and presence at the outdoor patio during the 01:00-03:30 window.
8. Penelope has all three required qualifications.
9. Darya lacks the required professional certification – confirmed by personnel records.
- 10 Yvonne had the qualifications but was hospitalized during the window – third-party verified.
- 11 The theft required a custom-machined tool stocked only in equipment closet B.
- 12 Meriel lacks the required professional certification – confirmed by personnel records.

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CASE 03

A client database was taken from the secure terminal of Northgate Partners between 01:45 and 03:15. The operation required specific qualifications and access. 6 suspects: Cyrus (security officer), Kasimir (legal counsel), Iolanthe (records clerk), Mauro (intern), Vera (HR director), Hasan (facilities coordinator).

Q Who took the client database?

1. A trace at the scene – a specific paint formulation only stocked in the restoration lab – matches inventory accessible only to Mauro.
2. Three independent requirements: professional training, admin credentials access, and presence at the secure terminal during the 01:45-03:15 window.
3. Hasan's printer log shows continuous presence in a separate building.
4. Cyrus lacks the required professional training – confirmed by personnel records.
5. The corporate theft required a specific paint formulation only stocked in the restoration lab.
6. Mauro has all three required qualifications.
7. Iolanthe was at a documented hospital appointment during the window – verified by elevator log.
8. Kasimir's admin credentials was revoked two weeks prior; archived access list confirms.
9. Cyrus was seen near the records vault earlier that evening, but they had left the building by 20:10 and never returned.
- 10 Mauro stated they left the building at 23:10, but the network authentication record shows their admin credentials active at 01:45.

11 Vera had the qualifications but was hospitalized during the window – third-party verified.
A) Iolanthe B) Hasan C) Cyrus D) Mauro E) Kasimir F) Vera

CASE 04

A restricted-area code was taken from the operating theater of Saint-Clair Hospital between 01:45 and 03:00. The operation required specific qualifications and access. 6 suspects: Ramona (head nurse), Bayan (janitor), Anastasia (volunteer), Ines (technician), Kiran (security officer), Roksana (pharmacist).

Q Who took the restricted-area code?

1. Kiran's pharmacy key was revoked two weeks prior; archived access list confirms.
2. Roksana's pharmacy key was revoked two weeks prior; archived access list confirms.
3. The theft required a stamped seal serial number from a controlled supply closet.
4. Anastasia was at a documented training during the window – verified by elevator log.
5. A trace at the scene – a stamped seal serial number from a controlled supply closet – matches inventory accessible only to Bayan.
6. Ramona had the qualifications but was on a flight during the window – third-party verified.
7. Ines's pharmacy key was revoked two weeks prior; archived access list confirms.
8. Three independent requirements: professional certification, pharmacy key access, and presence at the operating theater during the 01:45-03:00 window.
9. Roksana was seen near the administration office earlier that evening, but they had left the building by 21:30 and never returned.
- 10 Bayan stated they left the building at 23:25, but the badge access record shows their restricted-wing access active at 01:45.
- 11 Bayan has all three required qualifications.

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CASE 05

A locker key was taken from the staff bathroom of Cedarvale High between 02:30 and 04:45. The operation required specific qualifications and access. 6 suspects: Diallo (janitor), Cedric (secretary), Ulla (principal), Darya (substitute teacher), Mauro (student council president), Penelope (department head).

Q Who took the locker key?

1. Ulla lacks the required professional training – confirmed by personnel records.
2. Mauro has all three required qualifications.
3. Three independent requirements: professional training, combination access, and presence at the staff bathroom during the 02:30-04:45 window.
4. A trace at the scene – a custom-machined tool stocked only in equipment closet B – matches inventory accessible only to Mauro.
5. Cedric was seen near the records office earlier that evening, but they had left the building by 20:35 and never returned.
6. Mauro stated they left the building at 22:25, but the door sensor history shows their master key active at 02:30.
7. The theft required a custom-machined tool stocked only in equipment closet B.
8. Cedric was at a documented training during the window – verified by witness statement.
9. Diallo's keycard log shows continuous presence in a separate building.
- 10 Darya's keycard log shows continuous presence in a separate building.

11 Penelope was	at a documented	hospital appointment	during the window	– verified by	printer log.
A) Mauro	B) Cedric	C) Penelope	D) Diallo	E) Darya	F) Ulla

CASE 06

A prototype assembly was taken from the engine assembly area of Aldermarsh Auto Works between 00:45 and 02:30. The operation required specific qualifications and access. 7 suspects: Leander (apprentice), Zephyr (machinist), Bram (shop manager), Sigrid (electrician), Darya (master mechanic), Cyrus (painter), Anastasia (quality inspector).

Q Who took the prototype assembly?

1. The theft required a digital certificate issued only to senior staff.
2. Cyrus stated they left the building at 22:25, but the badge access record shows their tool-crib key active at 00:45.
3. Three independent requirements: professional certification, parts-room code access, and presence at the engine assembly area during the 00:45-02:30 window.
4. Leander's parts-room code was revoked two weeks prior; archived access list confirms.
5. Anastasia lacks the required professional certification – confirmed by personnel records.
6. Leander was seen near the parts storage earlier that evening, but they had left the building by 21:35 and never returned.
7. Cyrus has all three required qualifications.
8. Bram was at a documented conference during the window – verified by shop camera.
9. A trace at the scene – a digital certificate issued only to senior staff – matches inventory accessible only to Cyrus.
- 10 Darya was at a documented conference during the window – verified by tool-checkout log.
- 11 Zephyr's time-clock log shows continuous presence in a separate building.
- 12 Sigrid's time-clock log shows continuous presence in a separate building.

Answer Key – Deduction Mysteries

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

Case 01 C) Simeon

- ☒ Three requirements (professional training, pharmacy key, presence at the intensive care wing during the 01:45-03:15 window) plus a technical trace narrow this case.
 - ☒ Yara eliminated by alibi or missing qualification.
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Case 02 B) Penelope

- ☒ Three requirements (professional certification, manager key, presence at the outdoor patio during the 01:00-03:30 window) plus a technical trace narrow this case.
 - ☒ Akira eliminated by alibi or missing qualification.
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Case 03 D) Mauro

- ☒ Three requirements (professional training, admin credentials, presence at the secure terminal during the 01:45-03:15 window) plus a technical trace narrow this case.
 - ☒ Cyrus eliminated by alibi or missing qualification.
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Case 04 C) Bayan

- ☒ Three requirements (professional certification, pharmacy key, presence at the operating theater during the 01:45-03:00 window) plus a technical trace narrow this case.
 - ☒ Ramona eliminated by alibi or missing qualification.
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Case 05 A) Mauro

- ☒ Three requirements (professional training, combination, presence at the staff bathroom during the 02:30-04:45 window) plus a technical trace narrow this case.
 - ☒ Diallo eliminated by alibi or missing qualification.
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Case 06 A) Cyrus

- ☒ Three requirements (professional certification, parts-room code, presence at the engine assembly area during the 00:45-02:30 window) plus a technical trace narrow this case.
 - ☒ Leander eliminated by alibi or missing qualification.
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