

Deduction Mysteries

CASE 01

The hospital ID badges were taken from the intensive care wing of Brierfield Hospital between 03:15 and 05:30. The operation required specific qualifications and access. 6 suspects: Zoltan (head nurse), Isolde (janitor), Xiomara (technician), Kerensa (attending physician), Kalinda (volunteer), Mauro (medical resident).

Q Who took the hospital ID badges?

1. Isolde lacks the required professional training – confirmed by personnel records.
2. Mauro was seen near the administrator office earlier that evening, but they had left the building by 21:40 and never returned.
3. Kerensa's pharmacy key was revoked two weeks prior; archived access list confirms.
4. The theft required a custom-machined tool stocked only in equipment closet B.
5. Three independent requirements: professional training, pharmacy key access, and presence at the intensive care wing during the 03:15-05:30 window.
6. Mauro lacks the required professional training – confirmed by personnel records.
7. Kalinda has all three required qualifications.
8. A trace at the scene – a custom-machined tool stocked only in equipment closet B – matches inventory accessible only to Kalinda.
9. Xiomara was at a documented hospital appointment during the window – verified by pharmacy CCTV.
10. Kalinda stated they left the building at 22:55, but the door sensor history shows their restricted-wing access active at 03:15.

11 Zoltan lacks	the required professional training	– confirmed by	personnel records.	
A) Xiomara	B) Kerensa	C) Kalinda	D) Isolde	E) Mauro
				F) Zoltan

CASE 02

The master plans were taken from the customer pickup bay of Saint-Clair Machining between 00:15 and 02:15. The operation required specific qualifications and access. 7 suspects: Lior (painter), Selene (apprentice), Damaris (quality inspector), Noor (parts clerk), Kasper (welder), Bjorn (master mechanic), Joaquin (electrician).

Q Who took the master plans?

1. Selene's time-clock log shows continuous presence in a separate building.
2. Three independent requirements: professional training, parts-room code access, and presence at the customer pickup bay during the 00:15-02:15 window.
3. Noor lacks the required professional training – confirmed by personnel records.
4. Kasper lacks the required professional training – confirmed by personnel records.
5. Joaquin had the qualifications but family was visiting during the window – third-party verified.
6. A trace at the scene – a unique encryption signature traceable to internal-only training – matches inventory accessible only to Damaris.
7. Damaris stated they left the building at 23:20, but the parking-lot camera shows their manager key active at 00:15.
8. Damaris has all three required qualifications.
9. The theft required a unique encryption signature traceable to internal-only training.
10. Lior lacks the required professional training – confirmed by personnel records.
11. Kasper was seen near the welding bay earlier that evening, but they had left the building by 20:40 and never returned.

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CASE 03

A sports trophy was taken from the sports equipment room of Pemberton School between 03:15 and 05:00. The operation required specific qualifications and access. 6 suspects: Ginevra (department head), Theo (student council president), Mei (teacher), Magnus (principal), Joaquin (substitute teacher), Ines (secretary).

Q Who took the sports trophy?

1. Three independent requirements: professional certification, master key access, and presence at the sports equipment room during the 03:15-05:00 window.
2. The theft required a unique encryption signature traceable to internal-only training.
3. Joaquin has all three required qualifications.
4. Joaquin stated they left the building at 22:35, but the badge access record shows their keypad code active at 03:15.
5. Ginevra's hallway camera shows continuous presence in a separate building.
6. Ines was at a documented conference during the window – verified by door sensor.
7. Theo was at a documented conference during the window – verified by witness statement.
8. Mei was seen near the exam preparation room earlier that evening, but they had left the building by 20:35 and never returned.
9. Mei was at a documented training during the window – verified by attendance log.
- 10 Magnus's keycard log shows continuous presence in a separate building.
- 11 A trace at the scene – a unique encryption signature traceable to internal-only training –

. matches inventory accessible only to Joaquin.

A) Ginevra

B) Magnus

C) Theo

D) Mei

E) Ines

F) Joaquin

CASE 04

A glass vase was taken from the loading dock of Whitmore Museum between 01:00 and 03:45. The operation required specific qualifications and access. 6 suspects: Zoltan (janitor), Selene (curator), Wilder (night security), Bao (tour guide), Eira (docent), Thora (archivist).

Q Who took the glass vase?

1. Bao lacks the required professional certification – confirmed by personnel records.
2. The theft required a stamped seal serial number from a controlled supply closet.
3. Wilder has all three required qualifications.
4. Wilder stated they left the building at 23:15, but the DHCP server log shows their keycard active at 01:00.
5. Eira's security camera shows continuous presence in a separate building.
6. A trace at the scene – a stamped seal serial number from a controlled supply closet – matches inventory accessible only to Wilder.
7. Thora lacks the required professional certification – confirmed by personnel records.
8. Three independent requirements: professional certification, elevator access access, and presence at the loading dock during the 01:00-03:45 window.
9. Selene lacks the required professional certification – confirmed by personnel records.
- 10 Eira was seen near the second-floor gallery earlier that evening, but they had left the building by 20:20 and never returned.
- 11 Zoltan was at a documented training during the window – verified by door sensor.

A) Selene

B) Bao

C) Wilder

D) Thora

E) Eira

F) Zoltan

Deduction Mysteries

CASE 05

A SSL certificate was extracted from the DevOps room of Northgate Systems between 00:00 and 02:45. The operation required specific qualifications and access. 6 suspects: Aleksandr (intern), Octavia (security analyst), Sigrid (DevOps lead), Faye (senior engineer), Bram (product manager), Zara (data scientist).

Q Who extracted the SSL certificate?

1. Sigrid's badge was revoked two weeks prior; archived access list confirms.
2. Bram has all three required qualifications.
3. Zara was seen near the network closet earlier that evening, but they had left the building by 20:50 and never returned.
4. A trace at the scene – a specific paint formulation only stocked in the restoration lab – matches inventory accessible only to Bram.
5. Faye's VPN session log shows continuous presence in a separate building.
6. The data theft required a specific paint formulation only stocked in the restoration lab.
7. Octavia was at a documented hospital appointment during the window – verified by badge swipe.
8. Aleksandr lacks the required professional certification – confirmed by personnel records.
9. Bram stated they left the building at 23:25, but the badge access record shows their VPN credentials active at 00:00.
10. Zara's MFA token log shows continuous presence in a separate building.
11. Three independent requirements: professional certification, badge access, and presence at the

DevOps room during the 00:00-02:45 window.

A) Sigrid

B) Bram

C) Zara

D) Aleksandr

E) Octavia

F) Faye

CASE 06

A sound-system controller was taken from the director's office of The Aldermarsh Theatre between 00:45 and 02:00. The operation required specific qualifications and access. 7 suspects: Cyrus (stagehand), Roksana (lead actor), Marisol (prop master), Leander (understudy), Beatrix (costume designer), Priya (stage manager), Simeon (director).

Q Who took the sound-system controller?

1. The theft required a custom-machined tool stocked only in equipment closet B.
2. A trace at the scene – a custom-machined tool stocked only in equipment closet B – matches inventory accessible only to Simeon.
3. Priya's witness crew member shows continuous presence in a separate building.
4. Beatrix's box-office key was revoked two weeks prior; archived access list confirms.
5. Roksana's box-office system shows continuous presence in a separate building.
6. Three independent requirements: professional training, box-office key access, and presence at the director's office during the 00:45-02:00 window.
7. Leander lacks the required professional training – confirmed by personnel records.
8. Leander was seen near the backstage left earlier that evening, but they had left the building by 21:50 and never returned.
9. Cyrus lacks the required professional training – confirmed by personnel records.
10. Marisol's props inventory log shows continuous presence in a separate building.
11. Simeon has all three required qualifications.
12. Simeon stated they left the building at 22:20, but the door sensor history shows their director's key active at 00:45.

Answer Key – Deduction Mysteries

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

Case 01 C) Kalinda

- ☒ Three requirements (professional training, pharmacy key, presence at the intensive care wing during the 03:15-05:30 window) plus a technical trace narrow this case.
 - ☒ Zoltan eliminated by alibi or missing qualification.
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Case 02 B) Damaris

- ☒ Three requirements (professional training, parts-room code, presence at the customer pickup bay during the 00:15-02:15 window) plus a technical trace narrow this case.
 - ☒ Lior eliminated by alibi or missing qualification.
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Case 03 F) Joaquin

- ☒ Three requirements (professional certification, master key, presence at the sports equipment room during the 03:15-05:00 window) plus a technical trace narrow this case.
 - ☒ Ginevra eliminated by alibi or missing qualification.
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Case 04 C) Wilder

- ☒ Three requirements (professional certification, elevator access, presence at the loading dock during the 01:00-03:45 window) plus a technical trace narrow this case.
 - ☒ Zoltan eliminated by alibi or missing qualification.
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Case 05 B) Bram

- ☒ Three requirements (professional certification, badge, presence at the DevOps room during the 00:00-02:45 window) plus a technical trace narrow this case.
 - ☒ Aleksandr eliminated by alibi or missing qualification.
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Case 06 C) Simeon

- ☒ Three requirements (professional training, box-office key, presence at the director's office during the 00:45-02:00 window) plus a technical trace narrow this case.
- ☒ Cyrus eliminated by alibi or missing qualification.