

Deduction Mysteries

CASE 01

The laptop with trade secrets were taken from the executive suite of Brightline Holdings between 03:45 and 05:00. The operation required specific qualifications and access. 6 suspects: Wren (senior engineer), Aurora (security officer), Saoirse (executive assistant), Jacinta (records clerk), Idris (HR director), Hadley (facilities coordinator).

Q Who took the laptop with trade secrets?

1. Saoirse has all three required qualifications.
2. Jacinta's document-room code was revoked two weeks prior; archived access list confirms.
3. The corporate theft required a unique encryption signature traceable to internal-only training.
4. Idris had the qualifications but was on a flight during the window – third-party verified.
5. Wren had the qualifications but family was visiting during the window – third-party verified.
6. Aurora's document-room code was revoked two weeks prior; archived access list confirms.
7. Three independent requirements: professional certification, document-room code access, and presence at the executive suite during the 03:45-05:00 window.
8. Hadley had the qualifications but family was visiting during the window – third-party verified.
9. A trace at the scene – a unique encryption signature traceable to internal-only training – matches inventory accessible only to Saoirse.
- 10 Aurora was seen near the document destruction room earlier that evening, but they had left the building by 20:40 and never returned.
- 11 Saoirse stated they left the building at 22:10, but the badge access record shows their admin

credentials active at 03:45.

A) Wren	B) Hadley	C) Saoirse	D) Jacinta	E) Idris	F) Aurora
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CASE 02

The rehearsal recordings were taken from the catwalk of The Aldermarsh Theatre between 03:00 and 05:15. The operation required specific qualifications and access. 6 suspects: Kai (stagehand), Octavia (box-office manager), Phaedra (understudy), Aleksandr (prop master), Hattie (director), Aiko (musical director).

Q Who took the rehearsal recordings?

1. A trace at the scene – a specific paint formulation only stocked in the restoration lab – matches inventory accessible only to Octavia.
2. Three independent requirements: professional certification, box-office key access, and presence at the catwalk during the 03:00-05:15 window.
3. Aiko was seen near the catwalk earlier that evening, but they had left the building by 21:20 and never returned.
4. Aiko lacks the required professional certification – confirmed by personnel records.
5. Octavia has all three required qualifications.
6. Phaedra had the qualifications but was hospitalized during the window – third-party verified.
7. Hattie's rehearsal sign-in shows continuous presence in a separate building.
8. Octavia stated they left the building at 23:05, but the parking-lot camera shows their prop-room code active at 03:00.
9. Aleksandr lacks the required professional certification – confirmed by personnel records.
- 10 Kai's box-office key was revoked two weeks prior; archived access list confirms.
- 11 The theft required a specific paint formulation only stocked in the restoration lab.

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CASE 03

A lead actor's costume was taken from the dressing room of Pemberton Opera House between 01:15 and 03:00. The operation required specific qualifications and access. 7 suspects: Sora (stagehand), Alejandro (lighting tech), Theo (box-office manager), Gunnar (lead actor), Nizar (understudy), Kalisa (costume designer), Odell (director).

Q Who took the lead actor's costume?

1. The theft required a digital certificate issued only to senior staff.
2. Theo has all three required qualifications.
3. Gunnar's prop-room code was revoked two weeks prior; archived access list confirms.
4. Sora was seen near the rehearsal hall earlier that evening, but they had left the building by 20:00 and never returned.
5. Three independent requirements: professional training, prop-room code access, and presence at the dressing room during the 01:15-03:00 window.
6. A trace at the scene – a digital certificate issued only to senior staff – matches inventory accessible only to Theo.
7. Odell was at a documented hospital appointment during the window – verified by props inventory log.
8. Nizar's prop-room code was revoked two weeks prior; archived access list confirms.
9. Alejandro's witness crew member shows continuous presence in a separate building.
- 10 Sora's prop-room code was revoked two weeks prior; archived access list confirms.
- 11 Theo stated they left the building at 22:00, but the parking-lot camera shows their backstage . pass active at 01:15.

CASE 04

The title transfer documents were taken from the vault of City Records Office between 03:00 and 05:00. The operation required specific qualifications and access. 6 suspects: Lucia (administrator), Hasan (intern), Sigrid (security officer), Kalisa (genealogist), Lana (conservation specialist), Mira (records administrator).

Q Who took the title transfer documents?

1. Lana was seen near the registration desk earlier that evening, but they had left the building by 21:10 and never returned.
2. Kalisa stated they left the building at 23:05, but the door sensor history shows their vault key active at 03:00.
3. Three independent requirements: professional expertise, archive badge access, and presence at the vault during the 03:00-05:00 window.
4. Lucia lacks the required professional expertise – confirmed by personnel records.
5. Lana was at a documented training during the window – verified by archive log.
6. A trace at the scene – a stamped seal serial number from a controlled supply closet – matches inventory accessible only to Kalisa.
7. Kalisa has all three required qualifications.
8. Hasan was at a documented hospital appointment during the window – verified by camera footage.
9. Sigrid's badge swipe shows continuous presence in a separate building.
- 10 Mira had the qualifications but family was visiting during the window – third-party verified.
- 11 The theft required a stamped seal serial number from a controlled supply closet.

Deduction Mysteries

CASE 05

A source code repository was extracted from the engineer pod of Atlas Cloud between 00:45 and 02:00. The operation required specific qualifications and access. 7 suspects: Pavel (security analyst), Ilya (contractor), Thora (product manager), Hasan (intern), Dimitri (site-reliability engineer), Yvonne (data scientist), Cedric (CTO).

Q Who extracted the source code repository?

1. Pavel had the qualifications but was hospitalized during the window – third-party verified.
2. Cedric has all three required qualifications.
3. Dimitri was seen near the network closet earlier that evening, but they had left the building by 21:35 and never returned.
4. A trace at the scene – a unique encryption signature traceable to internal-only training – matches inventory accessible only to Cedric.
5. The data theft required a unique encryption signature traceable to internal-only training.
6. Yvonne's MFA device was revoked two weeks prior; archived access list confirms.
7. Ilya had the qualifications but was on a flight during the window – third-party verified.
8. Thora was at a documented hospital appointment during the window – verified by SSH authentication log.
9. Cedric stated they left the building at 22:40, but the network authentication record shows their badge active at 00:45.
- 10 Hasan was at a documented conference during the window – verified by SSH authentication log.
- 11 Dimitri lacks the required professional training – confirmed by personnel records.
- 12 Three independent requirements: professional training, MFA device access, and presence at the ~~engineer pod during the 00:45–02:00 window.~~

CASE 06

An archive password log was taken from the microfilm area of Aldermarsh Library between 03:15 and 05:00. The operation required specific qualifications and access. 6 suspects: Eleni (archivist), Ulla (custodian), Leander (visiting scholar), Etienne (head librarian), Xiomara (intern), Tarek (reference librarian).

Q Who took the archive password log?

1. Three independent requirements: professional training, vault key access, and presence at the microfilm area during the 03:15–05:00 window.
2. Eleni's badge swipe shows continuous presence in a separate building.
3. Xiomara's badge swipe shows continuous presence in a separate building.
4. Tarek was seen near the restoration room earlier that evening, but they had left the building by 21:45 and never returned.
5. Leander has all three required qualifications.
6. Ulla had the qualifications but was hospitalized during the window – third-party verified.
7. The theft required a stamped seal serial number from a controlled supply closet.
8. Etienne's vault key was revoked two weeks prior; archived access list confirms.
9. A trace at the scene – a stamped seal serial number from a controlled supply closet – matches inventory accessible only to Leander.
- 10 Leander stated they left the building at 22:40, but the network authentication record shows their vault key active at 03:15.
- 11 Tarek's vault key was revoked two weeks prior; archived access list confirms.

Answer Key – Deduction Mysteries

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

Case 01 C) Saoirse

- ☒ Three requirements (professional certification, document-room code, presence at the executive suite during the 03:45-05:00 window) plus a technical trace narrow this case.
 - ☒ Wren eliminated by alibi or missing qualification.
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Case 02 C) Octavia

- ☒ Three requirements (professional certification, box-office key, presence at the catwalk during the 03:00-05:15 window) plus a technical trace narrow this case.
 - ☒ Kai eliminated by alibi or missing qualification.
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Case 03 A) Theo

- ☒ Three requirements (professional training, prop-room code, presence at the dressing room during the 01:15-03:00 window) plus a technical trace narrow this case.
 - ☒ Sora eliminated by alibi or missing qualification.
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Case 04 E) Kalisa

- ☒ Three requirements (professional expertise, archive badge, presence at the vault during the 03:00-05:00 window) plus a technical trace narrow this case.
 - ☒ Lucia eliminated by alibi or missing qualification.
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Case 05 C) Cedric

- ☒ Three requirements (professional training, MFA device, presence at the engineer pod during the 00:45-02:00 window) plus a technical trace narrow this case.
 - ☒ Pavel eliminated by alibi or missing qualification.
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Case 06 A) Leander

- ☒ Three requirements (professional training, vault key, presence at the microfilm area during the 03:15-05:00 window) plus a technical trace narrow this case.
- ☒ Eleni eliminated by alibi or missing qualification.