

Deduction Mysteries

CASE 01

A silver chalice was taken from the prep workshop of Whitmore Museum between 01:00 and 03:45. The operation required specific qualifications and access. 6 suspects: Cyrus (janitor), Mauro (night security), Anand (gift shop manager), Finnegan (security guard), Aiko (tour guide), Idris (exhibition designer).

Q Who took the silver chalice?

1. Three independent requirements: professional certification, master key access, and presence at the prep workshop during the 01:00-03:45 window.
2. Aiko stated they left the building at 22:55, but the badge access record shows their elevator access active at 01:00.
3. Cyrus lacks the required professional certification – confirmed by personnel records.
4. Idris's master key was revoked two weeks prior; archived access list confirms.
5. Idris was seen near the archive room earlier that evening, but they had left the building by 20:20 and never returned.
6. Mauro was at a documented conference during the window – verified by badge swipe log.
7. Finnegan lacks the required professional certification – confirmed by personnel records.
8. A trace at the scene – a stamped seal serial number from a controlled supply closet – matches inventory accessible only to Aiko.
9. Aiko has all three required qualifications.
- 10 The theft required a stamped seal serial number from a controlled supply closet.

11 Anand lacks the required professional certification – confirmed by personnel records.

A) Idris	B) Cyrus	C) Mauro	D) Anand	E) Finnegan	F) Aiko
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CASE 02

A sports trophy was taken from the faculty lounge of Brierfield Prep between 01:30 and 03:45. The operation required specific qualifications and access. 6 suspects: Isolde (school counselor), Dimitri (librarian), Magnus (principal), Noor (student council president), Frida (substitute teacher), Hadley (teacher).

Q Who took the sports trophy?

1. Isolde was seen near the sports equipment room earlier that evening, but they had left the building by 20:20 and never returned.
2. Isolde was at a documented training during the window – verified by witness statement.
3. A trace at the scene – a custom-machined tool stocked only in equipment closet B – matches inventory accessible only to Noor.
4. Frida was at a documented training during the window – verified by keycard log.
5. Magnus's attendance log shows continuous presence in a separate building.
6. Hadley's staff key was revoked two weeks prior; archived access list confirms.
7. Noor stated they left the building at 22:20, but the badge access record shows their staff key active at 01:30.
8. Noor has all three required qualifications.
9. Dimitri had the qualifications but was hospitalized during the window – third-party verified.
- 10 The theft required a custom-machined tool stocked only in equipment closet B.
- 11 Three independent requirements: professional certification, staff key access, and presence at the faculty lounge during the 01:30-03:45 window.

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CASE 03

A medieval folio was taken from the restoration room of Saint-Clair Collection between 01:00 and 03:30. The operation required specific qualifications and access. 6 suspects: Galina (visiting scholar), Quentin (intern), Vera (custodian), Wren (archivist), Eira (head librarian), Yvonne (cataloger).

Q Who took the medieval folio?

1. Vera lacks the required professional training – confirmed by personnel records.
2. Eira's staff key was revoked two weeks prior; archived access list confirms.
3. The theft required a custom-machined tool stocked only in equipment closet B.
4. Galina has all three required qualifications.
5. Eira was seen near the special collections room earlier that evening, but they had left the building by 20:55 and never returned.
6. Galina stated they left the building at 22:30, but the badge access record shows their archive badge active at 01:00.
7. Quentin had the qualifications but was hospitalized during the window – third-party verified.
8. Three independent requirements: professional training, staff key access, and presence at the restoration room during the 01:00-03:30 window.
9. Yvonne lacks the required professional training – confirmed by personnel records.
- 10 Wren was at a documented hospital appointment during the window – verified by book-checkout record.
- 11 A trace at the scene – a custom-machined tool stocked only in equipment closet B – matches inventory accessible only to Galina.

CASE 04

An illuminated codex was taken from the staff workroom of Saint-Clair Collection between 02:15 and 04:15. The operation required specific qualifications and access. 7 suspects: Tatum (cataloger), Aurora (archivist), Anand (visiting scholar), Alessio (intern), Florian (reference librarian), Hattie (rare-books curator), Cosima (volunteer).

Q Who took the illuminated codex?

1. Florian was seen near the special collections room earlier that evening, but they had left the building by 20:20 and never returned.
2. Florian was at a documented training during the window – verified by badge swipe.
3. Alessio has all three required qualifications.
4. Cosima had the qualifications but was hospitalized during the window – third-party verified.
5. The theft required a specific paint formulation only stocked in the restoration lab.
6. Alessio stated they left the building at 23:40, but the network authentication record shows their staff key active at 02:15.
7. Hattie's reading-room pass was revoked two weeks prior; archived access list confirms.
8. Three independent requirements: professional expertise, reading-room pass access, and presence at the staff workroom during the 02:15-04:15 window.
9. A trace at the scene – a specific paint formulation only stocked in the restoration lab – matches inventory accessible only to Alessio.
- 10 Tatum was at a documented conference during the window – verified by witness patron.
- 11 Aurora had the qualifications but was on a flight during the window – third-party verified.
- 12 Anand's reading-room pass was revoked two weeks prior; archived access list confirms.

Deduction Mysteries

CASE 05

The laptop with trade secrets were taken from the conference room B of Northgate Partners between 02:00 and 04:45. The operation required specific qualifications and access. 7 suspects: Wren (security officer), Gunnar (records clerk), Darya (executive assistant), Talia (intern), Jules (legal counsel), Mira (CFO), Klaus (facilities coordinator).

Q Who took the laptop with trade secrets?

1. Three independent requirements: professional certification, admin credentials access, and presence at the conference room B during the 02:00-04:45 window.
2. Talia lacks the required professional certification – confirmed by personnel records.
3. A trace at the scene – a stamped seal serial number from a controlled supply closet – matches inventory accessible only to Klaus.
4. Klaus stated they left the building at 22:40, but the DHCP server log shows their employee badge active at 02:00.
5. Gunnar had the qualifications but was hospitalized during the window – third-party verified.
6. Darya had the qualifications but was on a flight during the window – third-party verified.
7. Mira's admin credentials was revoked two weeks prior; archived access list confirms.
8. Klaus has all three required qualifications.
9. Wren had the qualifications but was on a flight during the window – third-party verified.
- 10 Jules had the qualifications but was hospitalized during the window – third-party verified.
- 11 The corporate theft required a stamped seal serial number from a controlled supply closet.
- 12 Jules was seen near the server room earlier that evening, but they had left the building by . 21:50 and never returned.

CASE 06

A calibration kit was swapped from the autoclave room of Helix Bioresearch between 02:30 and 04:15. The operation required specific qualifications and access. 7 suspects: Aaliyah (visiting scientist), Ramona (clinical coordinator), Vidal (safety officer), Juno (equipment manager), Dimah (principal investigator), Damaris (lab technician), Hattie (operations manager).

Q Who swapped the calibration kit?

1. Three independent requirements: professional certification, freezer key access, and presence at the autoclave room during the 02:30-04:15 window.
2. Hattie's freezer key was revoked two weeks prior; archived access list confirms.
3. The sample tampering required a stamped seal serial number from a controlled supply closet.
4. Ramona stated they left the building at 22:15, but the badge access record shows their freezer key active at 02:30.
5. Juno lacks the required professional certification – confirmed by personnel records.
6. Damaris was seen near the autoclave room earlier that evening, but they had left the building by 21:00 and never returned.
7. Aaliyah had the qualifications but was on a flight during the window – third-party verified.
8. A trace at the scene – a stamped seal serial number from a controlled supply closet – matches inventory accessible only to Ramona.
9. Dimah was at a documented hospital appointment during the window – verified by witness sighting.
- 10 Vidal lacks the required professional certification – confirmed by personnel records.

Answer Key – Deduction Mysteries

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

Case 01 F) Aiko

- ☒ Three requirements (professional certification, master key, presence at the prep workshop during the 01:00-03:45 window) plus a technical trace narrow this case.
 - ☒ Cyrus eliminated by alibi or missing qualification.
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Case 02 D) Noor

- ☒ Three requirements (professional certification, staff key, presence at the faculty lounge during the 01:30-03:45 window) plus a technical trace narrow this case.
 - ☒ Isolde eliminated by alibi or missing qualification.
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Case 03 A) Galina

- ☒ Three requirements (professional training, staff key, presence at the restoration room during the 01:00-03:30 window) plus a technical trace narrow this case.
 - ☒ Quentin eliminated by alibi or missing qualification.
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Case 04 B) Alessio

- ☒ Three requirements (professional expertise, reading-room pass, presence at the staff workroom during the 02:15-04:15 window) plus a technical trace narrow this case.
 - ☒ Tatum eliminated by alibi or missing qualification.
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Case 05 F) Klaus

- ☒ Three requirements (professional certification, admin credentials, presence at the conference room B during the 02:00-04:45 window) plus a technical trace narrow this case.
 - ☒ Wren eliminated by alibi or missing qualification.
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Case 06 B) Ramona

- ☒ Three requirements (professional certification, freezer key, presence at the autoclave room during the 02:30-04:15 window) plus a technical trace narrow this case.
 - ☒ Aaliyah eliminated by alibi or missing qualification.
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