

Deduction Mysteries

CASE 01

The patient records were taken from the pharmacy of Aldermarsh Clinic between 01:15 and 03:15. The operation required specific qualifications and access. 6 suspects: Enzo (social worker), Bjorn (security officer), Gisela (pharmacist), Kalinda (technician), Xanthe (volunteer), Fenella (head nurse).

Q Who took the patient records?

1. Gisela has all three required qualifications.
2. A trace at the scene – a specific paint formulation only stocked in the restoration lab – matches inventory accessible only to Gisela.
3. Gisela stated they left the building at 23:05, but the door sensor history shows their administrator code active at 01:15.
4. The theft required a specific paint formulation only stocked in the restoration lab.
5. Kalinda's medication audit shows continuous presence in a separate building.
6. Xanthe was at a documented training during the window – verified by badge log.
7. Enzo was seen near the imaging room earlier that evening, but they had left the building by 20:40 and never returned.
8. Three independent requirements: professional expertise, administrator code access, and presence at the pharmacy during the 01:15-03:15 window.
9. Fenella's pharmacy CCTV shows continuous presence in a separate building.
- 10 Bjorn's administrator code was revoked two weeks prior; archived access list confirms.

11 Enzo lacks the required professional expertise – confirmed by personnel records.
 A) Fenella B) Kalinda C) Bjorn D) Xanthe E) Enzo F) Gisela

CASE 02

A custom engine part was taken from the tool crib of Aldermarsh Auto Works between 01:30 and 03:00. The operation required specific qualifications and access. 6 suspects: Isolde (electrician), Esme (quality inspector), Finnegan (apprentice), Hadley (parts clerk), Mateo (welder), Vidal (master mechanic).

Q Who took the custom engine part?

1. Esme's witness coworker shows continuous presence in a separate building.
2. Mateo's manager key was revoked two weeks prior; archived access list confirms.
3. Isolde had the qualifications but was on a flight during the window – third-party verified.
4. Finnegan has all three required qualifications.
5. Vidal was seen near the manager's office earlier that evening, but they had left the building by 20:30 and never returned.
6. Finnegan stated they left the building at 23:40, but the DHCP server log shows their shop key active at 01:30.
7. Vidal had the qualifications but family was visiting during the window – third-party verified.
8. A trace at the scene – a custom-machined tool stocked only in equipment closet B – matches inventory accessible only to Finnegan.
9. Hadley lacks the required professional training – confirmed by personnel records.
- 10 Three independent requirements: professional training, manager key access, and presence at the . tool crib during the 01:30-03:00 window.
- 11 The theft required a custom-machined tool stocked only in equipment closet B.

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CASE 03

A sealed reagent was swapped from the equipment closet of Solstice Research between 02:15 and 04:15. The operation required specific qualifications and access. 7 suspects: Rhys (principal investigator), Ronan (lab technician), Yvonne (graduate student), Hasan (undergraduate volunteer), Hiroshi (safety officer), Etienne (operations manager), Sami (visiting scientist).

Q Who swapped the sealed reagent?

1. Hasan's freezer key was revoked two weeks prior; archived access list confirms.
2. Yvonne's freezer key was revoked two weeks prior; archived access list confirms.
3. Sami lacks the required professional expertise – confirmed by personnel records.
4. A trace at the scene – a custom-machined tool stocked only in equipment closet B – matches inventory accessible only to Rhys.
5. Ronan had the qualifications but was on a flight during the window – third-party verified.
6. Rhys stated they left the building at 22:40, but the door sensor history shows their biohazard clearance active at 02:15.
7. Rhys has all three required qualifications.
8. Etienne had the qualifications but family was visiting during the window – third-party verified.
9. The sample tampering required a custom-machined tool stocked only in equipment closet B.
- 10 Ronan was seen near the centrifuge bay earlier that evening, but they had left the building by . 20:40 and never returned.
- 11 Hiroshi had the qualifications but was hospitalized during the window – third-party verified.

CASE 04

A signed manuscript was taken from the special collections room of Quartermaine Archive between 02:15 and 04:00. The operation required specific qualifications and access. 7 suspects: Eira (research assistant), Penelope (intern), Phaedra (rare-books curator), Kenji (volunteer), Stellan (visiting scholar), Gemma (head librarian), Hasan (cataloger).

Q Who took the signed manuscript?

1. The theft required a custom-machined tool stocked only in equipment closet B.
2. Gemma was at a documented training during the window – verified by security camera.
3. A trace at the scene – a custom-machined tool stocked only in equipment closet B – matches inventory accessible only to Stellan.
4. Kenji's archive badge was revoked two weeks prior; archived access list confirms.
5. Phaedra was at a documented hospital appointment during the window – verified by archive log.
6. Eira's security camera shows continuous presence in a separate building.
7. Kenji was seen near the periodicals room earlier that evening, but they had left the building by 20:45 and never returned.
8. Hasan's archive badge was revoked two weeks prior; archived access list confirms.
9. Three independent requirements: professional expertise, archive badge access, and presence at the special collections room during the 02:15-04:00 window.
- 10 Stellan has all three required qualifications.
- 11 Penelope's door sensor shows continuous presence in a separate building.
- 12 Stellan stated they left the building at 22:10, but the door sensor history shows their staff . key active at 02:15.

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CASE 05

A tournament prize money was taken from the main court of Aldermarsh Arena between 00:15 and 02:00. The operation required specific qualifications and access. 6 suspects: Pavel (star player), Mauro (head coach), Finnegan (team captain), Fenella (rookie player), Iolanthe (athletic trainer), Daphne (team statistician).

Q Who took the tournament prize money?

1. The theft required a custom-machined tool stocked only in equipment closet B.
2. Iolanthe's equipment sign-out shows continuous presence in a separate building.
3. A trace at the scene – a custom-machined tool stocked only in equipment closet B – matches inventory accessible only to Daphne.
4. Three independent requirements: professional training, team key access, and presence at the main court during the 00:15-02:00 window.
5. Finnegan's badge log shows continuous presence in a separate building.
6. Daphne has all three required qualifications.
7. Fenella lacks the required professional training – confirmed by personnel records.
8. Mauro's team key was revoked two weeks prior; archived access list confirms.
9. Pavel's equipment sign-out shows continuous presence in a separate building.
- 10 Daphne stated they left the building at 22:45, but the parking-lot camera shows their equipment-room key active at 00:15.
- 11 Iolanthe was seen near the equipment shed earlier that evening, but they had left the building

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| by 21:10 and never returned. | | | | |
| A) Iolanthe | B) Mauro | C) Pavel | D) Fenella | E) Finnegan |
| | | | | F) Daphne |

CASE 06

An ancient scroll was taken from the storage basement of Pemberton Wing between 02:45 and 04:15. The operation required specific qualifications and access. 6 suspects: Adrian (janitor), Stellan (curator), Emiko (security guard), Marisol (art restorer), Faye (tour guide), Ula (archivist).

Q Who took the ancient scroll?

1. Emiko stated they left the building at 23:25, but the elevator log shows their keycard active at 02:45.
2. Three independent requirements: professional certification, security badge access, and presence at the storage basement during the 02:45-04:15 window.
3. Adrian had the qualifications but was on a flight during the window – third-party verified.
4. Ula was seen near the second-floor gallery earlier that evening, but they had left the building by 21:30 and never returned.
5. Marisol was at a documented training during the window – verified by witness testimony.
6. Ula's door sensor shows continuous presence in a separate building.
7. Emiko has all three required qualifications.
8. A trace at the scene – a unique encryption signature traceable to internal-only training – matches inventory accessible only to Emiko.
9. Stellan's security badge was revoked two weeks prior; archived access list confirms.
- 10 Faye lacks the required professional certification – confirmed by personnel records.
- 11 The theft required a unique encryption signature traceable to internal-only training.

Answer Key – Deduction Mysteries

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

Case 01 F) Gisela

- ☒ Three requirements (professional expertise, administrator code, presence at the pharmacy during the 01:15-03:15 window) plus a technical trace narrow this case.
 - ☒ Enzo eliminated by alibi or missing qualification.
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Case 02 D) Finnegan

- ☒ Three requirements (professional training, manager key, presence at the tool crib during the 01:30-03:00 window) plus a technical trace narrow this case.
 - ☒ Isolde eliminated by alibi or missing qualification.
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Case 03 A) Rhys

- ☒ Three requirements (professional expertise, freezer key, presence at the equipment closet during the 02:15-04:15 window) plus a technical trace narrow this case.
 - ☒ Ronan eliminated by alibi or missing qualification.
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Case 04 E) Stellan

- ☒ Three requirements (professional expertise, archive badge, presence at the special collections room during the 02:15-04:00 window) plus a technical trace narrow this case.
 - ☒ Eira eliminated by alibi or missing qualification.
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Case 05 F) Daphne

- ☒ Three requirements (professional training, team key, presence at the main court during the 00:15-02:00 window) plus a technical trace narrow this case.
 - ☒ Pavel eliminated by alibi or missing qualification.
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Case 06 D) Emiko

- ☒ Three requirements (professional certification, security badge, presence at the storage basement during the 02:45-04:15 window) plus a technical trace narrow this case.
- ☒ Adrian eliminated by alibi or missing qualification.