

Deduction Mysteries

CASE 01

An enzyme batch was swapped from the autoclave room of Pemberton Pharmaceuticals between 15:40 and 17:15. The operation required specialized access privileges. Five people had any plausible connection: Sigrid (graduate student), Etienne (clinical coordinator), Tatum (undergraduate volunteer), Talia (safety officer), Ilya (postdoctoral researcher).

Q Who swapped the enzyme batch?

1. Sigrid's equipment timestamp confirms they were at the off-site location from 15:40 to 17:15.
2. Tatum's lab badge was not used at any point during the window.
3. Ilya was documented by the freezer access log in a different building during the window.
4. The sample tampering required specialized access privileges – only Etienne and Sigrid have this among the five.
5. Etienne claims to have been offsite for a personal errand during the window. No supporting evidence has been provided.
6. Talia was documented by the witness sighting in a different building during the window.
7. Tatum was at a scheduled training course during the window.

CASE 02

The box-office receipts were taken from the rehearsal hall of Pemberton Opera House between 14:10 and 16:10. The operation required technical training. Five people had any plausible connection: Tess (prop master), Theo (musical director), Elspeth (lead actor), Esme (stagehand), Akira (lighting tech).

Q Who took the box-office receipts?

1. Theo was documented by the box-office system in a different building during the window.
2. The rehearsal hall is normally accessed only via prop-room code, and Akira's prop-room code was used at 14:10.
3. Elspeth's props inventory log confirms they were at the external office from 14:10 to 16:10.
4. Akira claims to have been out for a long break during the window. No supporting evidence has been provided.
5. Tess was at a scheduled conference call during the window.
6. Esme was documented by the props inventory log in a different building during the window.
7. The theft required technical training – only Akira and Elspeth have this among the five.

CASE 03

An enzyme batch was swapped from the centrifuge bay of Solstice Research between 16:00 and 18:10. The operation required specialized access privileges. Five people had any plausible connection: Finnegan (safety officer), Eira (undergraduate volunteer), Fariha (postdoctoral researcher), Eleni (lab technician), Joaquin (principal investigator).

Q Who swapped the enzyme batch?

1. Eira was at the front desk the entire window during the window.
2. Eleni's clean-room entry log confirms they were at the off-site location from 16:00 to 18:10.
3. Fariha was documented by the freezer access log in a different building during the window.
4. The centrifuge bay is normally accessed only via clean-room access, and Joaquin's clean-room access was used at 16:00.
5. Finnegan was at the external facility the entire window during the window.
6. Joaquin claims to have been working alone in their office during the window. No supporting evidence has been provided.
7. The sample tampering required specialized access privileges – only Joaquin and Eleni have this among the five.

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CASE 04

A rare first edition was taken from the archive storage of Aldermarsh Library between 13:15 and 16:15. The operation required expert knowledge of the system. Five people had any plausible connection: Thora (intern), Ines (archivist), Bram (head librarian), Quentin (volunteer), Hadley (reference librarian).

Q Who took the rare first edition?

1. Bram was at the external facility the entire window during the window.
2. The theft required expert knowledge of the system – only Quentin and Hadley have this among the five.
3. Hadley's door sensor confirms they were at the external office from 13:15 to 16:15.
4. The archive storage is normally accessed only via staff key, and Quentin's vault key was used at 13:15.
5. Ines was documented by the witness patron in a different building during the window.
6. Quentin claims to have been working alone in their office during the window. No supporting evidence has been provided.
7. Thora was documented by the security camera in a different building during the window.

CASE 05

A VIP patient file was taken from the pharmacy of Aldermarsh Clinic between 14:20 and 17:10. The operation required specialized access privileges. Five people had any plausible connection: Alessio (volunteer), Eira (administrator), Aaliyah (technician), Finnegan (security officer), Rhys (attending physician).

Q Who took the VIP patient file?

1. Eira's restricted-wing access was not used at any point during the window.
2. Alessio claims to have been working alone in their office during the window. No supporting evidence has been provided.
3. Eira was at a scheduled conference call during the window.
4. The pharmacy is normally accessed only via administrator code, and Alessio's pharmacy key was used at 14:20.
5. Rhys was documented by the door sensor in a different building during the window.
6. The theft required specialized access privileges – only Alessio and Finnegan have this among the five.

CASE 06

A signed treaty was taken from the vault of Northgate Estate Archive between 15:30 and 18:10. The operation required technical training. Five people had any plausible connection: Anastasia (intern), Cassia (records administrator), Kiran (researcher), Lana (volunteer), Florian (clerk).

Q Who took the signed treaty?

1. Kiran was documented by the badge swipe in a different building during the window.
2. Cassia claims to have been offsite for a personal errand during the window. No supporting evidence has been provided.
3. The theft required technical training – only Cassia and Lana have this among the five.
4. Anastasia was documented by the camera footage in a different building during the window.
5. Florian was at the external facility the entire window during the window.
6. The vault is normally accessed only via research-room pass, and Cassia's research-room pass was used at 15:30.
7. Lana's reading-room sign-in confirms they were at the off-site location from 15:30 to 18:10.

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CASE 07

An ancient scroll was taken from the climate-controlled vault of Aldworth Collection between 16:45 and 19:45. The operation required authorized credentials. Five people had any plausible connection: Ezra (archivist), Jacinta (exhibition designer), Suri (security guard), Mira (art restorer), Yara (night security).

Q Who took the ancient scroll?

1. The theft required authorized credentials – only Yara and Ezra have this among the five.
2. Jacinta was documented by the motion sensor in a different building during the window.
3. Suri was documented by the motion sensor in a different building during the window.
4. Ezra's motion sensor confirms they were at the external office from 16:45 to 19:45.
5. The climate-controlled vault is normally accessed only via elevator access, and Yara's master key was used at 16:45.
6. Mira was at a scheduled training course during the window.
7. Yara claims to have been out for a long break during the window. No supporting evidence has been provided.

CASE 08

The signed jerseys were taken from the training pool of Saint-Clair Field House between 15:30 and 17:00. The operation required authorized credentials. Five people had any plausible connection: Caelan (team statistician), Fenella (athletic trainer), Kasper (referee), Jacinta (assistant coach), Vera (head coach).

Q Who took the signed jerseys?

1. Fenella was at the front desk the entire window during the window.
2. The theft required authorized credentials – only Kasper and Vera have this among the five.
3. Kasper's locker-room sensor confirms they were at the off-site location from 15:30 to 17:00.
4. Caelan was at a scheduled external meeting during the window.
5. Jacinta was at a scheduled external meeting during the window.
6. The training pool is normally accessed only via facility badge, and Vera's team key was used at 15:30.
7. Vera claims to have been offsite for a personal errand during the window. No supporting evidence has been provided.

CASE 09

A strategy deck was taken from the CEO office of Cedarstone Inc between 13:10 and 15:15. The operation required specialized access privileges. Five people had any plausible connection: Penelope (HR director), Akhil (intern), Mauro (IT administrator), Jules (executive assistant), Ravi (facilities coordinator).

Q Who took the strategy deck?

1. Penelope was at the main office the entire window during the window.
2. Mauro claims to have been working alone in their office during the window. No supporting evidence has been provided.
3. Akhil was documented by the VPN session log in a different building during the window.
4. Ravi's printer log confirms they were at the off-site location from 13:10 to 15:15.
5. The corporate theft required specialized access privileges – only Ravi and Mauro have this among the five.
6. Jules was at a scheduled external meeting during the window.
7. The CEO office is normally accessed only via employee badge, and Mauro's admin credentials was used at 13:10.

Answer Key – Deduction Mysteries

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

Case 01 E) Etienne

- ☒ The sample tampering required specialized access privileges.
 - ☒ Tatum lacks the required skill – cleared.
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Case 02 A) Akira

- ☒ The theft required technical training.
 - ☒ Tess lacks the required skill – cleared.
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Case 03 D) Joaquin

- ☒ The sample tampering required specialized access privileges.
 - ☒ Finnegan lacks the required skill – cleared.
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Case 04 C) Quentin

- ☒ The theft required expert knowledge of the system.
 - ☒ Thora lacks the required skill – cleared.
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Case 05 E) Alessio

- ☒ The theft required specialized access privileges.
 - ☒ Eira lacks the required skill – cleared.
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Case 06 E) Cassia

- ☒ The theft required technical training.
 - ☒ Anastasia lacks the required skill – cleared.
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Case 07 C) Yara

- ☒ The theft required authorized credentials.
 - ☒ Jacinta lacks the required skill – cleared.
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Case 08 D) Vera

- ☒ The theft required authorized credentials.
 - ☒ Caelan lacks the required skill – cleared.
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Case 09 C) Mauro

- ☒ The corporate theft required specialized access privileges.
- ☒ Penelope lacks the required skill – cleared.