

Deduction Mysteries

CASE 01

A reservation book was taken from the front register of The Briar Room between 14:10 and 17:15. The operation required expert knowledge of the system. Five people had any plausible connection: Eira (sous chef), Lior (sommelier), Daphne (server), Aiko (dishwasher), Gemma (line cook).

Q Who took the reservation book?

1. Gemma claims to have been offsite for a personal errand during the window. No supporting evidence has been provided.
2. The theft required expert knowledge of the system – only Lior and Gemma have this among the five.
3. Lior's front-of-house camera confirms they were at the external office from 14:10 to 17:15.
4. The front register is normally accessed only via master key, and Gemma's master key was used at 14:10.
5. Daphne was at a scheduled conference call during the window.
6. Eira was at the front desk the entire window during the window.
7. Aiko was at the external facility the entire window during the window.
8. Aiko's master key was not used at any point during the window.

CASE 02

An original land deed was taken from the cataloging room of Saint-Clair Historical Society between 16:15 and 19:00. The operation required required certifications. Five people had any plausible connection: Stellan (head archivist), Simeon (clerk), Ula (intern), Mira (genealogist), Finnegan (conservation specialist).

Q Who took the original land deed?

1. Mira was at the main office the entire window during the window.
2. Finnegan claims to have been working alone in their office during the window. No supporting evidence has been provided.
3. Stellan's badge swipe confirms they were at the external office from 16:15 to 19:00.
4. Ula was at a scheduled external meeting during the window.
5. The cataloging room is normally accessed only via admin code, and Finnegan's archive badge was used at 16:15.
6. The theft required required certifications – only Stellan and Finnegan have this among the five.
7. Simeon was documented by the archive log in a different building during the window.

CASE 03

A donor list was taken from the restoration room of Helix Reading Room between 15:15 and 17:00. The operation required authorized credentials. Five people had any plausible connection: Quincy (custodian), Gunnar (reference librarian), Simeon (archivist), Juno (research assistant), Idris (cataloger).

Q Who took the donor list?

1. Juno was at the main office the entire window during the window.
2. Quincy's door sensor confirms they were at the remote facility from 15:15 to 17:00.
3. Idris was at the external facility the entire window during the window.
4. Simeon claims to have been out for a long break during the window. No supporting evidence has been provided.
5. The theft required authorized credentials – only Simeon and Quincy have this among the five.
6. The restoration room is normally accessed only via reading-room pass, and Simeon's staff key was used at 15:15.
7. Gunnar's reading-room pass was not used at any point during the window.

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CASE 04

A sequencing chip was swapped from the PI office of Nordic Bio between 16:10 and 19:15. The operation required expert knowledge of the system. Five people had any plausible connection: Jacinta (visiting scientist), Kasper (undergraduate volunteer), Phaedra (principal investigator), Ginevra (safety officer), Thora (graduate student).

Q Who swapped the sequencing chip?

1. Kasper's sample log confirms they were at the off-site location from 16:10 to 19:15.
2. The PI office is normally accessed only via freezer key, and Ginevra's lab badge was used at 16:10.
3. Jacinta was documented by the badge swipe in a different building during the window.
4. Thora was at a scheduled conference call during the window.
5. Phaedra was at the front desk the entire window during the window.
6. The sample tampering required expert knowledge of the system – only Kasper and Ginevra have this among the five.
7. Ginevra claims to have been working alone in their office during the window. No supporting evidence has been provided.

CASE 05

An expensive welding rod was taken from the main shop floor of Helix Restoration between 14:15 and 16:15. The operation required specialized access privileges. Five people had any plausible connection: Ines (parts clerk), Ishaan (painter), Olive (machinist), Joaquin (shop manager), Maeve (electrician).

Q Who took the expensive welding rod?

1. The theft required specialized access privileges – only Ines and Ishaan have this among the five.
2. Olive was at a scheduled conference call during the window.
3. The main shop floor is normally accessed only via shop key, and Ines's parts-room code was used at 14:15.
4. Joaquin was at the external facility the entire window during the window.
5. Ishaan's tool-checkout log confirms they were at the remote facility from 14:15 to 16:15.
6. Maeve was documented by the time-clock log in a different building during the window.
7. Ines claims to have been out for a long break during the window. No supporting evidence has been provided.

CASE 06

A locker key was taken from the library archive of Northgate Academy between 13:40 and 16:45. The operation required required certifications. Five people had any plausible connection: Gisela (librarian), Ravi (principal), Eitan (student council president), Aurora (department head), Kerensa (school counselor).

Q Who took the locker key?

1. Eitan's witness statement confirms they were at the off-site location from 13:40 to 16:45.
2. The theft required required certifications – only Eitan and Aurora have this among the five.
3. Ravi was at a scheduled training course during the window.
4. The library archive is normally accessed only via keypad code, and Aurora's staff key was used at 13:40.
5. Ravi's combination was not used at any point during the window.
6. Kerensa was documented by the witness statement in a different building during the window.
7. Aurora claims to have been working alone in their office during the window. No supporting evidence has been provided.

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CASE 07

An original land deed was taken from the archive stacks of Helix Heritage Foundation between 15:45 and 17:00. The operation required technical training. Five people had any plausible connection: Talia (security officer), Polina (genealogist), Xiomara (intern), Kenji (administrator), Gunnar (researcher).

Q Who took the original land deed?

1. Xiomara was at a scheduled training course during the window.
2. Gunnar's witness patron confirms they were at the external office from 15:45 to 17:00.
3. The theft required technical training – only Talia and Gunnar have this among the five.
4. Polina's vault key was not used at any point during the window.
5. Polina was documented by the reading-room sign-in in a different building during the window.
6. Talia claims to have been working alone in their office during the window. No supporting evidence has been provided.
7. The archive stacks is normally accessed only via archive badge, and Talia's vault key was used at 15:45.

CASE 08

A strategy deck was taken from the legal archive of Brightline Holdings between 13:00 and 15:10. The operation required specialized access privileges. Five people had any plausible connection: Oren (HR director), Tatum (security officer), Etienne (records clerk), Zoltan (legal counsel), Suri (intern).

Q Who took the strategy deck?

1. Tatum was documented by the security badge log in a different building during the window.
2. Oren claims to have been offsite for a personal errand during the window. No supporting evidence has been provided.
3. Zoltan was documented by the printer log in a different building during the window.
4. The corporate theft required specialized access privileges – only Oren and Etienne have this among the five.
5. Etienne's printer log confirms they were at the off-site location from 13:00 to 15:10.
6. Suri was at the front desk the entire window during the window.
7. The legal archive is normally accessed only via document-room code, and Oren's employee badge was used at 13:00.

CASE 09

A championship ring was taken from the coach's office of Helix Sports Complex between 16:20 and 19:15. The operation required expert knowledge of the system. Five people had any plausible connection: Nizar (rookie player), Priya (team statistician), Zinnia (facilities manager), Nadia (head coach), Zoltan (assistant coach).

Q Who took the championship ring?

1. The coach's office is normally accessed only via locker code, and Zinnia's team key was used at 16:20.
2. The theft required expert knowledge of the system – only Zinnia and Nadia have this among the five.
3. Nizar's team key was not used at any point during the window.
4. Nadia's badge log confirms they were at the remote facility from 16:20 to 19:15.
5. Nizar was at a scheduled external meeting during the window.
6. Priya was at a scheduled external meeting during the window.
7. Zoltan was at the front desk the entire window during the window.

Answer Key – Deduction Mysteries

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

Case 01 E) Gemma

- ☒ The theft required expert knowledge of the system.
 - ☒ Eira lacks the required skill – cleared.
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Case 02 E) Finnegan

- ☒ The theft required required certifications.
 - ☒ Simeon lacks the required skill – cleared.
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Case 03 A) Simeon

- ☒ The theft required authorized credentials.
 - ☒ Gunnar lacks the required skill – cleared.
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Case 04 D) Ginevra

- ☒ The sample tampering required expert knowledge of the system.
 - ☒ Jacinta lacks the required skill – cleared.
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Case 05 A) Ines

- ☒ The theft required specialized access privileges.
 - ☒ Olive lacks the required skill – cleared.
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Case 06 B) Aurora

- ☒ The theft required required certifications.
 - ☒ Gisela lacks the required skill – cleared.
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Case 07 A) Talia

- ☒ The theft required technical training.
 - ☒ Polina lacks the required skill – cleared.
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Case 08 E) Oren

- ☒ The corporate theft required specialized access privileges.
 - ☒ Tatum lacks the required skill – cleared.
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Case 09 D) Zinnia

- ☒ The theft required expert knowledge of the system.
- ☒ Nizar lacks the required skill – cleared.