

Deduction Mysteries

CASE 01

An annotated copy was taken from the microfilm area of Aldermarsh Library between 16:40 and 19:15. The operation required technical training. Five people had any plausible connection: Fariha (reference librarian), Bao (rare-books curator), Alejandro (custodian), Sigrid (intern), Kerensa (archivist).

Q Who took the annotated copy?

1. Kerensa claims to have been working alone in their office during the window. No supporting evidence has been provided.
2. The theft required technical training – only Alejandro and Kerensa have this among the five.
3. Sigrid was documented by the witness patron in a different building during the window.
4. Bao was at a scheduled conference call during the window.
5. Alejandro's badge swipe confirms they were at the remote facility from 16:40 to 19:15.
6. Fariha's vault key was not used at any point during the window.
7. The microfilm area is normally accessed only via reading-room pass, and Kerensa's staff key was used at 16:40.

CASE 02

A referee's notebook was taken from the training facility of Saint-Clair Field House between 16:10 and 18:10. The operation required technical training. Five people had any plausible connection: Alejandro (head coach), Priya (facilities manager), Gisela (star player), Selene (athletic trainer), Finnegan (team statistician).

Q Who took the referee's notebook?

1. The theft required technical training – only Finnegan and Alejandro have this among the five.
2. Finnegan claims to have been working alone in their office during the window. No supporting evidence has been provided.
3. Alejandro's witness teammate confirms they were at the off-site location from 16:10 to 18:10.
4. The training facility is normally accessed only via locker code, and Finnegan's locker code was used at 16:10.
5. Priya was at the external facility the entire window during the window.
6. Gisela was at the front desk the entire window during the window.
7. Selene was at a scheduled external meeting during the window.

CASE 03

A sequencing chip was swapped from the PI office of Aldermarsh Laboratory between 16:40 and 18:10. The operation required expert knowledge of the system. Five people had any plausible connection: Adrian (operations manager), Jules (lab technician), Nadia (safety officer), Meriel (principal investigator), Xiomara (postdoctoral researcher).

Q Who swapped the sequencing chip?

1. Jules claims to have been working alone in their office during the window. No supporting evidence has been provided.
2. Meriel was documented by the clean-room entry log in a different building during the window.
3. Nadia was at the front desk the entire window during the window.
4. Adrian's witness sighting confirms they were at the off-site location from 16:40 to 18:10.
5. The PI office is normally accessed only via freezer key, and Jules's freezer key was used at 16:40.
6. The sample tampering required expert knowledge of the system – only Jules and Adrian have this among the five.
7. Xiomara was at the front desk the entire window during the window.

Deduction Mysteries

CASE 04

An oil painting was taken from the curator office of Aldworth Collection between 16:45 and 18:45. The operation required specialized access privileges. Five people had any plausible connection: Pavel (gift shop manager), Sigrid (security guard), Daphne (exhibition designer), Nizar (janitor), Aurora (curator).

Q Who took the oil painting?

1. The curator office is normally accessed only via keycard, and Aurora's vault combination was used at 16:45.
2. Sigrid was at the main office the entire window during the window.
3. Daphne's witness testimony confirms they were at the remote facility from 16:45 to 18:45.
4. Pavel's elevator access was not used at any point during the window.
5. The theft required specialized access privileges – only Aurora and Daphne have this among the five.
6. Pavel was at the external facility the entire window during the window.
7. Aurora claims to have been working alone in their office during the window. No supporting evidence has been provided.

CASE 05

An equipment manifest was taken from the coach's office of Brightline Fitness between 16:00 and 19:30. The operation required expert knowledge of the system. Five people had any plausible connection: Selene (team statistician), Indira (star player), Mateo (facilities manager), Polina (team captain), Sora (rookie player).

Q Who took the equipment manifest?

1. The theft required expert knowledge of the system – only Polina and Mateo have this among the five.
2. Sora was at the main office the entire window during the window.
3. Polina claims to have been offsite for a personal errand during the window. No supporting evidence has been provided.
4. The coach's office is normally accessed only via equipment-room key, and Polina's facility badge was used at 16:00.
5. Indira was at a scheduled external meeting during the window.
6. Mateo's time-clock record confirms they were at the external office from 16:00 to 19:30.
7. Selene was at a scheduled training course during the window.

CASE 06

The tip jar contents were taken from the staff break room of The Briar Room between 15:45 and 18:15. The operation required technical training. Five people had any plausible connection: Suri (manager), Cassia (sommelier), Tatum (server), Noor (bartender), Olive (pastry chef).

Q Who took the tip jar contents?

1. Tatum was at the main office the entire window during the window.
2. Olive's manager key was not used at any point during the window.
3. Noor was at a scheduled external meeting during the window.
4. Olive was at the front desk the entire window during the window.
5. Suri claims to have been working alone in their office during the window. No supporting evidence has been provided.
6. Cassia's kitchen camera confirms they were at the remote facility from 15:45 to 18:15.
7. The theft required technical training – only Suri and Cassia have this among the five.
8. The staff break room is normally accessed only via register code, and Suri's manager key was used at 15:45.

Deduction Mysteries

CASE 07

A member roster was taken from the training facility of Brightline Fitness between 15:40 and 17:45. The operation required authorized credentials. Five people had any plausible connection: Hasan (assistant coach), Kenji (equipment manager), Zinnia (star player), Dario (team captain), Ezra (athletic trainer).

Q Who took the member roster?

1. The theft required authorized credentials – only Hasan and Dario have this among the five.
2. The training facility is normally accessed only via locker code, and Hasan's equipment-room key was used at 15:40.
3. Ezra was at the main office the entire window during the window.
4. Kenji was documented by the badge log in a different building during the window.
5. Dario's time-clock record confirms they were at the external office from 15:40 to 17:45.
6. Zinnia was documented by the witness teammate in a different building during the window.
7. Hasan claims to have been offsite for a personal errand during the window. No supporting evidence has been provided.

CASE 08

The tip jar contents were taken from the walk-in cooler of Octavia's between 14:45 and 16:15. The operation required specialized access privileges. Five people had any plausible connection: Fariha (server), Helena (manager), Ginevra (host), Elspeth (sous chef), Simeon (line cook).

Q Who took the tip jar contents?

1. Simeon was at the main office the entire window during the window.
2. The theft required specialized access privileges – only Fariha and Helena have this among the five.
3. The walk-in cooler is normally accessed only via cellar key, and Fariha's register code was used at 14:45.
4. Fariha claims to have been out for a long break during the window. No supporting evidence has been provided.
5. Simeon's master key was not used at any point during the window.
6. Elspeth was at a scheduled training course during the window.
7. Helena's time-clock record confirms they were at the external office from 14:45 to 16:15.

CASE 09

A staff payroll list was taken from the principal's office of Westbrook Academy between 13:45 and 16:15. The operation required authorized credentials. Five people had any plausible connection: Yara (teacher), Mahdi (secretary), Suri (department head), Bao (school counselor), Tatum (librarian).

Q Who took the staff payroll list?

1. Tatum claims to have been out for a long break during the window. No supporting evidence has been provided.
2. Suri was at a scheduled training course during the window.
3. Yara was at the external facility the entire window during the window.
4. Mahdi's hallway camera confirms they were at the remote facility from 13:45 to 16:15.
5. The principal's office is normally accessed only via staff key, and Tatum's master key was used at 13:45.
6. Bao was documented by the door sensor in a different building during the window.
7. The theft required authorized credentials – only Tatum and Mahdi have this among the five.

Answer Key – Deduction Mysteries

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

Case 01 B) Kerensa

- ☒ The theft required technical training.
 - ☒ Fariha lacks the required skill – cleared.
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Case 02 E) Finnegan

- ☒ The theft required technical training.
 - ☒ Priya lacks the required skill – cleared.
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Case 03 A) Jules

- ☒ The sample tampering required expert knowledge of the system.
 - ☒ Nadia lacks the required skill – cleared.
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Case 04 C) Aurora

- ☒ The theft required specialized access privileges.
 - ☒ Pavel lacks the required skill – cleared.
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Case 05 C) Polina

- ☒ The theft required expert knowledge of the system.
 - ☒ Selene lacks the required skill – cleared.
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Case 06 B) Suri

- ☒ The theft required technical training.
 - ☒ Tatum lacks the required skill – cleared.
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Case 07 B) Hasan

- ☒ The theft required authorized credentials.
 - ☒ Kenji lacks the required skill – cleared.
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Case 08 E) Fariha

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

- ☒ The theft required authorized credentials.
 - ☒ Yara lacks the required skill – cleared.
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