

## Deduction Mysteries

### CASE 01

A tournament prize money was taken from the main court of Brightline Fitness between 16:30 and 18:10. The operation required technical training. Five people had any plausible connection: Lior (facilities manager), Aiko (equipment manager), Yvonne (head coach), Beatrix (team statistician), Renata (star player).

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#### Q Who took the tournament prize money?

1. The main court is normally accessed only via locker code, and Yvonne's equipment-room key was used at 16:30.
  2. Lior was at the front desk the entire window during the window.
  3. Lior's locker code was not used at any point during the window.
  4. Renata's badge log confirms they were at the external office from 16:30 to 18:10.
  5. Yvonne claims to have been working alone in their office during the window. No supporting evidence has been provided.
  6. Aiko was at the main office the entire window during the window.
  7. Beatrix was at a scheduled external meeting during the window.
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### CASE 02

A signed playbill collection was taken from the prop storage of Pemberton Opera House between 16:10 and 19:00. The operation required authorized credentials. Five people had any plausible connection: Alejandro (lead actor), Lucia (lighting tech), Gisela (box-office manager), Kalisa (musical director), Florian (understudy).

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#### Q Who took the signed playbill collection?

1. Gisela's director's key was not used at any point during the window.
  2. Kalisa was at a scheduled external meeting during the window.
  3. Gisela was at a scheduled conference call during the window.
  4. Lucia's props inventory log confirms they were at the external office from 16:10 to 19:00.
  5. The prop storage is normally accessed only via prop-room code, and Alejandro's backstage pass was used at 16:10.
  6. The theft required authorized credentials – only Alejandro and Lucia have this among the five.
  7. Florian was at a scheduled external meeting during the window.
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### CASE 03

A sealed wine bottle was taken from the dishwashing bay of Saint-Clair Café between 16:45 and 19:00. The operation required specialized access privileges. Five people had any plausible connection: Theo (host), Klaus (server), Leander (dishwasher), Ula (sous chef), Polina (pastry chef).

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#### Q Who took the sealed wine bottle?

1. Polina's witness server confirms they were at the external office from 16:45 to 19:00.
2. Klaus claims to have been offsite for a personal errand during the window. No supporting evidence has been provided.
3. Leander was at the external facility the entire window during the window.
4. Ula was at the main office the entire window during the window.
5. The dishwashing bay is normally accessed only via master key, and Klaus's register code was used at 16:45.
6. Theo was documented by the POS log in a different building during the window.
7. The theft required specialized access privileges – only Klaus and Polina have this among the five.

## Deduction Mysteries

### CASE 04

The clinical trial samples were taken from the pharmacy of Northgate Memorial between 13:20 and 15:10. The operation required specialized access privileges. Five people had any plausible connection: Daphne (medical resident), Katarina (head nurse), Nadia (security officer), Amari (pharmacist), Elspeth (attending physician).

#### Q Who took the clinical trial samples?

1. Amari's administrator code was not used at any point during the window.
2. Elspeth's door sensor confirms they were at the external office from 13:20 to 15:10.
3. The pharmacy is normally accessed only via pharmacy key, and Nadia's administrator code was used at 13:20.
4. Daphne was at a scheduled training course during the window.
5. Amari was at the main office the entire window during the window.
6. Katarina was at the external facility the entire window during the window.
7. Nadia claims to have been working alone in their office during the window. No supporting evidence has been provided.

### CASE 05

The locker contents were taken from the coach's office of Saint-Clair Field House between 16:45 and 19:10. The operation required authorized credentials. Five people had any plausible connection: Eira (head coach), Mira (equipment manager), Diallo (athletic trainer), Zinnia (referee), Emiko (assistant coach).

#### Q Who took the locker contents?

1. Emiko claims to have been out for a long break during the window. No supporting evidence has been provided.
2. Mira's locker-room sensor confirms they were at the external office from 16:45 to 19:10.
3. Zinnia's facility badge was not used at any point during the window.
4. The coach's office is normally accessed only via facility badge, and Emiko's facility badge was used at 16:45.
5. Zinnia was at a scheduled training course during the window.
6. Diallo was at the main office the entire window during the window.
7. Eira was at a scheduled external meeting during the window.

### CASE 06

A sample vial was swapped from the equipment closet of Pemberton Pharmaceuticals between 15:10 and 17:15. The operation required expert knowledge of the system. Five people had any plausible connection: Tarek (safety officer), Eira (visiting scientist), Gunnar (operations manager), Tess (lab technician), Bram (graduate student).

#### Q Who swapped the sample vial?

1. Tess was at a scheduled training course during the window.
2. The equipment closet is normally accessed only via clean-room access, and Eira's lab badge was used at 15:10.
3. Tarek's biohazard clearance was not used at any point during the window.
4. The sample tampering required expert knowledge of the system – only Eira and Bram have this among the five.
5. Bram's sample log confirms they were at the external office from 15:10 to 17:15.
6. Eira claims to have been offsite for a personal errand during the window. No supporting evidence has been provided.

## Deduction Mysteries

### CASE 07

An original land deed was taken from the storage basement of Pemberton Genealogy Center between 15:20 and 17:10. The operation required expert knowledge of the system. Five people had any plausible connection: Isolde (volunteer), Tomas (records administrator), Ravi (genealogist), Faye (intern), Zoltan (clerk).

#### Q Who took the original land deed?

1. The storage basement is normally accessed only via admin code, and Tomas's research-room pass was used at 15:20.
2. The theft required expert knowledge of the system – only Zoltan and Tomas have this among the five.
3. Ravi was at a scheduled training course during the window.
4. Zoltan's witness patron confirms they were at the external office from 15:20 to 17:10.
5. Tomas claims to have been offsite for a personal errand during the window. No supporting evidence has been provided.
6. Faye was at a scheduled external meeting during the window.
7. Faye's research-room pass was not used at any point during the window.

### CASE 08

A medical kit was taken from the equipment shed of Aldermarsh Arena between 14:00 and 17:00. The operation required required certifications. Five people had any plausible connection: Isolde (rookie player), Ronan (team captain), Cassia (equipment manager), Yusuf (athletic trainer), Etienne (star player).

#### Q Who took the medical kit?

1. The equipment shed is normally accessed only via locker code, and Yusuf's locker code was used at 14:00.
2. Ronan's locker code was not used at any point during the window.
3. Ronan was at the front desk the entire window during the window.
4. Cassia's locker-room sensor confirms they were at the external office from 14:00 to 17:00.
5. Isolde was documented by the witness teammate in a different building during the window.
6. Yusuf claims to have been working alone in their office during the window. No supporting evidence has been provided.
7. Etienne was documented by the facility camera in a different building during the window.

### CASE 09

A silver chalice was taken from the second-floor gallery of Argent Gallery between 16:20 and 18:15. The operation required authorized credentials. Five people had any plausible connection: Eitan (security guard), Yvonne (night security), Emiko (curator), Thora (tour guide), Ronan (janitor).

#### Q Who took the silver chalice?

1. Eitan was documented by the elevator log in a different building during the window.
2. Ronan's motion sensor confirms they were at the remote facility from 16:20 to 18:15.
3. The theft required authorized credentials – only Ronan and Thora have this among the five.
4. Yvonne was documented by the motion sensor in a different building during the window.
5. The second-floor gallery is normally accessed only via elevator access, and Thora's master key was used at 16:20.
6. Emiko was at a scheduled external meeting during the window.
7. Thora claims to have been out for a long break during the window. No supporting evidence has been provided.

## Answer Key – Deduction Mysteries

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

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### Case 01 A) Yvonne

- ☐ The theft required technical training.
  - ☐ Lior lacks the required skill – cleared.
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### Case 02 C) Alejandro

- ☐ The theft required authorized credentials.
  - ☐ Gisela lacks the required skill – cleared.
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### Case 03 A) Klaus

- ☐ The theft required specialized access privileges.
  - ☐ Theo lacks the required skill – cleared.
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### Case 04 E) Nadia

- ☐ The theft required specialized access privileges.
  - ☐ Daphne lacks the required skill – cleared.
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### Case 05 A) Emiko

- ☐ The theft required authorized credentials.
  - ☐ Eira lacks the required skill – cleared.
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### Case 06 A) Eira

- ☐ The sample tampering required expert knowledge of the system.
  - ☐ Tarek lacks the required skill – cleared.
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### Case 07 E) Tomas

- ☐ The theft required expert knowledge of the system.
  - ☐ Isolde lacks the required skill – cleared.
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### Case 08 C) Yusuf

- ☐ The theft required required certifications.
  - ☐ Isolde lacks the required skill – cleared.
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### Case 09 A) Thora

- ☐ The theft required authorized credentials.
  - ☐ Eitan lacks the required skill – cleared.
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