

## Deduction Mysteries

### CASE 01

The board minutes were taken from the records vault of Meridian Capital between 13:20 and 15:10. The operation required required certifications. Five people had any plausible connection: Zoltan (records clerk), Ezra (security officer), Zinnia (CFO), Amelia (IT administrator), Oren (HR director).

#### Q Who took the board minutes?

1. Zinnia's VPN access was not used at any point during the window.
2. Amelia's printer log confirms they were at the remote facility from 13:20 to 15:10.
3. Zinnia was at a scheduled training course during the window.
4. The corporate theft required required certifications – only Amelia and Zoltan have this among the five.
5. Zoltan claims to have been working alone in their office during the window. No supporting evidence has been provided.
6. The records vault is normally accessed only via document-room code, and Zoltan's elevator key was used at 13:20.

### CASE 02

A sealed surgical kit was taken from the medication closet of Pemberton Medical between 15:10 and 18:45. The operation required specialized access privileges. Five people had any plausible connection: Nikolai (pharmacist), Akira (social worker), Helena (attending physician), Maeve (security officer), Frida (head nurse).

#### Q Who took the sealed surgical kit?

1. Akira was at a scheduled conference call during the window.
2. Maeve was documented by the elevator log in a different building during the window.
3. The theft required specialized access privileges – only Nikolai and Helena have this among the five.
4. Helena's pharmacy CCTV confirms they were at the external office from 15:10 to 18:45.
5. Nikolai claims to have been working alone in their office during the window. No supporting evidence has been provided.
6. Frida was at the external facility the entire window during the window.
7. The medication closet is normally accessed only via hospital badge, and Nikolai's restricted-wing access was used at 15:10.

### CASE 03

The production funds were taken from the prop storage of Northgate Stage between 14:10 and 17:45. The operation required technical training. Five people had any plausible connection: Omari (box-office manager), Jules (musical director), Pavel (prop master), Wren (lead actor), Darya (director).

#### Q Who took the production funds?

1. Omari was documented by the stage door camera in a different building during the window.
2. Jules's rehearsal sign-in confirms they were at the off-site location from 14:10 to 17:45.
3. Pavel was at the main office the entire window during the window.
4. Wren claims to have been offsite for a personal errand during the window. No supporting evidence has been provided.
5. The theft required technical training – only Jules and Wren have this among the five.
6. The prop storage is normally accessed only via backstage pass, and Wren's prop-room code was used at 14:10.
7. Darya was documented by the stage door camera in a different building during the window.

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### CASE 04

A prototype assembly was taken from the customer pickup bay of Saint-Clair Machining between 14:10 and 16:30. The operation required authorized credentials. Five people had any plausible connection: Jacinta (apprentice), Ulla (machinist), Beatrix (welder), Lana (quality inspector), Hattie (painter).

#### Q Who took the prototype assembly?

1. Lana was documented by the time-clock log in a different building during the window.
2. Ulla's door sensor confirms they were at the external office from 14:10 to 16:30.
3. Jacinta was documented by the shop camera in a different building during the window.
4. The theft required authorized credentials – only Ulla and Beatrix have this among the five.
5. Hattie was at the external facility the entire window during the window.
6. Beatrix claims to have been out for a long break during the window. No supporting evidence has been provided.
7. The customer pickup bay is normally accessed only via shop key, and Beatrix's parts-room code was used at 14:10.

### CASE 05

The pharmacy keys were taken from the staff lounge of Helix Health Center between 14:00 and 17:15. The operation required expert knowledge of the system. Five people had any plausible connection: Kasper (attending physician), Tarek (administrator), Nizar (social worker), Juno (security officer), Adrian (technician).

#### Q Who took the pharmacy keys?

1. Tarek was at a scheduled training course during the window.
2. Juno claims to have been offsite for a personal errand during the window. No supporting evidence has been provided.
3. The staff lounge is normally accessed only via pharmacy key, and Juno's restricted-wing access was used at 14:00.
4. The theft required expert knowledge of the system – only Juno and Kasper have this among the five.
5. Kasper's pharmacy CCTV confirms they were at the off-site location from 14:00 to 17:15.
6. Adrian was at the external facility the entire window during the window.
7. Nizar was at a scheduled conference call during the window.

### CASE 06

The pharmacy keys were taken from the pharmacy of Saint-Clair Hospital between 13:40 and 15:00. The operation required authorized credentials. Five people had any plausible connection: Ezra (administrator), Emiko (attending physician), Leila (volunteer), Mahdi (pharmacist), Selene (head nurse).

#### Q Who took the pharmacy keys?

1. The pharmacy is normally accessed only via restricted-wing access, and Emiko's pharmacy key was used at 13:40.
2. Mahdi was at a scheduled external meeting during the window.
3. Leila's witness staff confirms they were at the off-site location from 13:40 to 15:00.
4. Selene was at a scheduled conference call during the window.
5. Emiko claims to have been working alone in their office during the window. No supporting evidence has been provided.
6. Ezra was documented by the elevator log in a different building during the window.
7. The theft required authorized credentials – only Emiko and Leila have this among the five.

## Deduction Mysteries

### CASE 07

A principal's personal file was taken from the exam preparation room of Aldermarsh High between 16:15 and 18:00. The operation required technical training. Five people had any plausible connection: Simeon (student council president), Penelope (principal), Kai (coach), Hadley (teacher), Tomas (department head).

#### Q Who took the principal's personal file?

1. Tomas was documented by the witness statement in a different building during the window.
2. The theft required technical training – only Penelope and Hadley have this among the five.
3. Penelope's printer log confirms they were at the remote facility from 16:15 to 18:00.
4. Simeon was at a scheduled external meeting during the window.
5. Hadley claims to have been offsite for a personal errand during the window. No supporting evidence has been provided.
6. Kai was at a scheduled training course during the window.
7. The exam preparation room is normally accessed only via staff key, and Hadley's master key was used at 16:15.

### CASE 08

A wine collection inventory was taken from the pastry station of The Briar Room between 14:15 and 17:00. The operation required specialized access privileges. Five people had any plausible connection: Kasimir (sommelier), Marisol (host), Xanthe (dishwasher), Fariha (sous chef), Talia (manager).

#### Q Who took the wine collection inventory?

1. The theft required specialized access privileges – only Kasimir and Marisol have this among the five.
2. Kasimir claims to have been out for a long break during the window. No supporting evidence has been provided.
3. The pastry station is normally accessed only via master key, and Kasimir's cellar key was used at 14:15.
4. Xanthe was at a scheduled external meeting during the window.
5. Fariha was at a scheduled training course during the window.
6. Talia was at the front desk the entire window during the window.
7. Marisol's kitchen camera confirms they were at the remote facility from 14:15 to 17:00.

### CASE 09

The student transcripts were taken from the staff bathroom of Hawthorne Day School between 14:15 and 17:00. The operation required required certifications. Five people had any plausible connection: Oren (coach), Arjun (principal), Saoirse (librarian), Omari (secretary), Katarina (department head).

#### Q Who took the student transcripts?

1. Arjun was at the external facility the entire window during the window.
2. Arjun's master key was not used at any point during the window.
3. Katarina claims to have been working alone in their office during the window. No supporting evidence has been provided.
4. Oren's attendance log confirms they were at the off-site location from 14:15 to 17:00.
5. The staff bathroom is normally accessed only via master key, and Katarina's records-room badge was used at 14:15.
6. Saoirse was documented by the hallway camera in a different building during the window.
7. The theft required required certifications – only Oren and Katarina have this among the five.

## Answer Key – Deduction Mysteries

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

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### Case 01 E) Zoltan

- ☒ The corporate theft required required certifications.
  - ☒ Ezra lacks the required skill – cleared.
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### Case 02 A) Nikolai

- ☒ The theft required specialized access privileges.
  - ☒ Akira lacks the required skill – cleared.
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### Case 03 A) Wren

- ☒ The theft required technical training.
  - ☒ Omari lacks the required skill – cleared.
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### Case 04 E) Beatrix

- ☒ The theft required authorized credentials.
  - ☒ Jacinta lacks the required skill – cleared.
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### Case 05 D) Juno

- ☒ The theft required expert knowledge of the system.
  - ☒ Tarek lacks the required skill – cleared.
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### Case 06 C) Emiko

- ☒ The theft required authorized credentials.
  - ☒ Ezra lacks the required skill – cleared.
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### Case 07 B) Hadley

- ☒ The theft required technical training.
  - ☒ Simeon lacks the required skill – cleared.
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### Case 08 E) Kasimir

- ☒ The theft required specialized access privileges.
  - ☒ Xanthe lacks the required skill – cleared.
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### Case 09 E) Katarina

- ☒ The theft required required certifications.
- ☒ Arjun lacks the required skill – cleared.