

## Deduction Mysteries

### CASE 01

A wine collection inventory was taken from the wine cellar of The Briar Room between 16:20 and 19:00. The operation required expert knowledge of the system. Five people had any plausible connection: Polina (bartender), Renata (pastry chef), Priya (head chef), Ginevra (sommelier), Sigrid (dishwasher).

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

1. Sigrid claims to have been working alone in their office during the window. No supporting evidence has been provided.
2. Polina was at a scheduled conference call during the window.
3. Renata was at the external facility the entire window during the window.
4. The theft required expert knowledge of the system – only Sigrid and Ginevra have this among the five.
5. The wine cellar is normally accessed only via cellar key, and Sigrid's master key was used at 16:20.
6. Priya was documented by the POS log in a different building during the window.
7. Ginevra's front-of-house camera confirms they were at the external office from 16:20 to 19:00.

### CASE 02

A staff payroll list was taken from the principal's office of Cedarvale High between 14:15 and 16:10. The operation required authorized credentials. Five people had any plausible connection: Vera (janitor), Anand (secretary), Gunnar (principal), Theo (librarian), Mauro (substitute teacher).

#### Q Who took the staff payroll list?

1. Mauro was documented by the hallway camera in a different building during the window.
2. Vera was at a scheduled conference call during the window.
3. Gunnar claims to have been working alone in their office during the window. No supporting evidence has been provided.
4. The theft required authorized credentials – only Gunnar and Theo have this among the five.
5. Anand was at a scheduled external meeting during the window.
6. The principal's office is normally accessed only via master key, and Gunnar's master key was used at 14:15.
7. Theo's witness statement confirms they were at the remote facility from 14:15 to 16:10.

### CASE 03

The pharmacy keys were taken from the blood bank of Northgate Memorial between 16:40 and 19:10. The operation required technical training. Five people had any plausible connection: Hiroshi (head nurse), Helena (janitor), Kiran (administrator), Alessio (pharmacist), Roksana (volunteer).

#### Q Who took the pharmacy keys?

1. Roksana was documented by the pharmacy CCTV in a different building during the window.
2. The theft required technical training – only Helena and Kiran have this among the five.
3. Kiran claims to have been offsite for a personal errand during the window. No supporting evidence has been provided.
4. Alessio was at the main office the entire window during the window.
5. Hiroshi was at the external facility the entire window during the window.
6. The blood bank is normally accessed only via restricted-wing access, and Kiran's pharmacy key was used at 16:40.
7. Helena's witness staff confirms they were at the external office from 16:40 to 19:10.

## Deduction Mysteries

### CASE 04

An exam answer key was taken from the exam preparation room of Hawthorne Day School between 15:40 and 17:45. The operation required expert knowledge of the system. Five people had any plausible connection: Kalisa (school counselor), Dario (janitor), Fariha (secretary), Nadia (principal), Frida (librarian).

#### Q Who took the exam answer key?

1. Fariha's witness statement confirms they were at the external office from 15:40 to 17:45.
2. The exam preparation room is normally accessed only via staff key, and Nadia's combination was used at 15:40.
3. Nadia claims to have been out for a long break during the window. No supporting evidence has been provided.
4. Kalisa was documented by the hallway camera in a different building during the window.
5. The theft required expert knowledge of the system – only Nadia and Fariha have this among the five.
6. Dario was at a scheduled external meeting during the window.
7. Frida was at a scheduled training course during the window.

### CASE 05

The pharmacy keys were taken from the administration office of Saint-Clair Hospital between 15:10 and 18:00. The operation required technical training. Five people had any plausible connection: Zara (attending physician), Tomas (janitor), Tariq (head nurse), Vera (social worker), Vidal (volunteer).

#### Q Who took the pharmacy keys?

1. Tomas was at the front desk the entire window during the window.
2. Vidal's badge log confirms they were at the off-site location from 15:10 to 18:00.
3. Vera claims to have been working alone in their office during the window. No supporting evidence has been provided.
4. Zara was documented by the door sensor in a different building during the window.
5. Tariq's administrator code was not used at any point during the window.
6. Tariq was at the external facility the entire window during the window.
7. The administration office is normally accessed only via hospital badge, and Vera's restricted-wing access was used at 15:10.

### CASE 06

A locker key was taken from the records office of Northgate Academy between 13:20 and 16:00. The operation required technical training. Five people had any plausible connection: Amari (department head), Suri (student council president), Hakim (substitute teacher), Mikael (secretary), Pavel (principal).

#### Q Who took the locker key?

1. Pavel's door sensor confirms they were at the off-site location from 13:20 to 16:00.
2. Mikael was at the main office the entire window during the window.
3. The records office is normally accessed only via records-room badge, and Amari's records-room badge was used at 13:20.
4. Suri was documented by the door sensor in a different building during the window.
5. Hakim was at the external facility the entire window during the window.
6. The theft required technical training – only Pavel and Amari have this among the five.
7. Amari claims to have been working alone in their office during the window. No supporting evidence has been provided.

## Deduction Mysteries

### CASE 07

A strategy deck was taken from the executive suite of Atlas Group between 14:10 and 16:45. The operation required technical training. Five people had any plausible connection: Jian (legal counsel), Faye (executive assistant), Kenji (CFO), Simeon (HR director), Emiko (security officer).

#### Q Who took the strategy deck?

1. Emiko's elevator log confirms they were at the external office from 14:10 to 16:45.
2. The corporate theft required technical training – only Faye and Emiko have this among the five.
3. Faye claims to have been offsite for a personal errand during the window. No supporting evidence has been provided.
4. Kenji was at a scheduled external meeting during the window.
5. The executive suite is normally accessed only via elevator key, and Faye's document-room code was used at 14:10.
6. Jian was at the front desk the entire window during the window.
7. Simeon was at a scheduled external meeting during the window.

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### CASE 08

A donor list was taken from the special collections room of Pemberton Research Library between 14:00 and 17:00. The operation required expert knowledge of the system. Five people had any plausible connection: Zinnia (research assistant), Fariha (volunteer), Yara (head librarian), Ilya (visiting scholar), Zephyr (cataloger).

#### Q Who took the donor list?

1. The special collections room is normally accessed only via reading-room pass, and Zinnia's reading-room pass was used at 14:00.
2. Zinnia claims to have been offsite for a personal errand during the window. No supporting evidence has been provided.
3. Yara's book-checkout record confirms they were at the off-site location from 14:00 to 17:00.
4. Fariha was at a scheduled conference call during the window.
5. The theft required expert knowledge of the system – only Yara and Zinnia have this among the five.
6. Zephyr was at the front desk the entire window during the window.
7. Ilya was at a scheduled training course during the window.

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### CASE 09

A wine collection inventory was taken from the walk-in cooler of Helix Kitchen between 13:00 and 15:15. The operation required required certifications. Five people had any plausible connection: Damaris (host), Faye (head chef), Hakim (sommelier), Penelope (sous chef), Zinnia (bartender).

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

1. Damaris's reservation system confirms they were at the remote facility from 13:00 to 15:15.
2. Zinnia claims to have been working alone in their office during the window. No supporting evidence has been provided.
3. The theft required required certifications – only Zinnia and Damaris have this among the five.
4. Faye was documented by the time-clock record in a different building during the window.
5. Penelope was at the front desk the entire window during the window.
6. Hakim was documented by the POS log in a different building during the window.
7. The walk-in cooler is normally accessed only via manager key, and Zinnia's cellar key was used at 13:00.

## Answer Key – Deduction Mysteries

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

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### Case 01 C) Sigrid

- ☑ The theft required expert knowledge of the system.
  - ☑ Polina lacks the required skill – cleared.
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### Case 02 C) Gunnar

- ☑ The theft required authorized credentials.
  - ☑ Vera lacks the required skill – cleared.
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### Case 03 A) Kiran

- ☑ The theft required technical training.
  - ☑ Hiroshi lacks the required skill – cleared.
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### Case 04 E) Nadia

- ☑ The theft required expert knowledge of the system.
  - ☑ Kalisa lacks the required skill – cleared.
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### Case 05 C) Vera

- ☑ The theft required technical training.
  - ☑ Zara lacks the required skill – cleared.
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### Case 06 B) Amari

- ☑ The theft required technical training.
  - ☑ Suri lacks the required skill – cleared.
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### Case 07 E) Faye

- ☑ The corporate theft required technical training.
  - ☑ Jian lacks the required skill – cleared.
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### Case 08 E) Zinnia

- ☑ The theft required expert knowledge of the system.
  - ☑ Fariha lacks the required skill – cleared.
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### Case 09 C) Zinnia

- ☑ The theft required required certifications.
- ☑ Faye lacks the required skill – cleared.