

## Deduction Mysteries

### CASE 01

A signed agreement was taken from the conference room B of Meridian Capital between 14:00 and 17:00. The operation required specialized access privileges. Five people had any plausible connection: Iolanthe (senior engineer), Daphne (IT administrator), Hasan (executive assistant), Roksana (intern), Hiroshi (records clerk).

#### Q Who took the signed agreement?

1. The conference room B is normally accessed only via employee badge, and Hasan's admin credentials was used at 14:00.
2. Daphne's elevator key was not used at any point during the window.
3. Hiroshi's door access record confirms they were at the off-site location from 14:00 to 17:00.
4. Daphne was at a scheduled conference call during the window.
5. The corporate theft required specialized access privileges – only Hasan and Hiroshi have this among the five.
6. Hasan claims to have been out for a long break during the window. No supporting evidence has been provided.

### CASE 02

A principal's personal file was taken from the faculty lounge of Pemberton School between 13:10 and 16:45. The operation required authorized credentials. Five people had any plausible connection: Ezra (secretary), Aleksandr (librarian), Ines (coach), Noor (principal), Magnus (department head).

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

1. The theft required authorized credentials – only Aleksandr and Magnus have this among the five.
2. Noor was at the external facility the entire window during the window.
3. Magnus claims to have been offsite for a personal errand during the window. No supporting evidence has been provided.
4. Ezra was at a scheduled conference call during the window.
5. Aleksandr's keycard log confirms they were at the off-site location from 13:10 to 16:45.
6. The faculty lounge is normally accessed only via records-room badge, and Magnus's records-room badge was used at 13:10.
7. Ines was at the main office the entire window during the window.

### CASE 03

A sealed reagent was swapped from the cold-storage freezer of Nordic Bio between 14:20 and 16:45. The operation required specialized access privileges. Five people had any plausible connection: Etienne (visiting scientist), Alessio (principal investigator), Enzo (lab technician), Gemma (clinical coordinator), Finnegan (equipment manager).

#### Q Who swapped the sealed reagent?

1. Gemma claims to have been offsite for a personal errand during the window. No supporting evidence has been provided.
2. Etienne was at the external facility the entire window during the window.
3. The cold-storage freezer is normally accessed only via clean-room access, and Gemma's lab badge was used at 14:20.
4. The sample tampering required specialized access privileges – only Gemma and Alessio have this among the five.
5. Enzo was at the main office the entire window during the window.
6. Alessio's witness sighting confirms they were at the off-site location from 14:20 to 16:45.

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### CASE 04

A VIP patient file was taken from the medication closet of Pemberton Medical between 15:00 and 17:15. The operation required authorized credentials. Five people had any plausible connection: Dimah (medical resident), Olive (volunteer), Rhys (technician), Stellan (head nurse), Kai (attending physician).

#### Q Who took the VIP patient file?

1. Rhys claims to have been offsite for a personal errand during the window. No supporting evidence has been provided.
2. Dimah was at the external facility the entire window during the window.
3. Stellan was at a scheduled external meeting during the window.
4. Kai's pharmacy CCTV confirms they were at the remote facility from 15:00 to 17:15.
5. Olive was at a scheduled external meeting during the window.
6. The medication closet is normally accessed only via pharmacy key, and Rhys's restricted-wing access was used at 15:00.
7. The theft required authorized credentials – only Rhys and Kai have this among the five.

### CASE 05

A grading book was taken from the locker room of Saint-Clair School between 15:10 and 17:10. The operation required technical training. Five people had any plausible connection: Elara (student council president), Ginevra (janitor), Pavel (librarian), Damaris (principal), Ezra (coach).

#### Q Who took the grading book?

1. The locker room is normally accessed only via staff key, and Ginevra's combination was used at 15:10.
2. Ginevra claims to have been offsite for a personal errand during the window. No supporting evidence has been provided.
3. Pavel was at the main office the entire window during the window.
4. Elara was at the front desk the entire window during the window.
5. Elara's combination was not used at any point during the window.
6. Damaris was at the front desk the entire window during the window.
7. Ezra's witness statement confirms they were at the remote facility from 15:10 to 17:10.
8. The theft required technical training – only Ginevra and Ezra have this among the five.

### CASE 06

A SSL certificate was extracted from the code review room of Solstice Labs between 13:40 and 15:30. The operation required technical training. Five people had any plausible connection: Xiomara (product manager), Elara (intern), Ramona (contractor), Joren (senior engineer), Enzo (security analyst).

#### Q Who extracted the SSL certificate?

1. Ramona was documented by the MFA token log in a different building during the window.
2. The data theft required technical training – only Joren and Elara have this among the five.
3. The code review room is normally accessed only via VPN credentials, and Joren's MFA device was used at 13:40.
4. Enzo's badge was not used at any point during the window.
5. Elara's CCTV camera confirms they were at the remote facility from 13:40 to 15:30.
6. Xiomara was at the external facility the entire window during the window.
7. Enzo was at the external facility the entire window during the window.

## Deduction Mysteries

### CASE 07

A Vermeer sketch was taken from the private collection room of Helix Modern Art between 15:20 and 17:45. The operation required specialized access privileges. Five people had any plausible connection: Emiko (security guard), Rosalind (janitor), Rhys (archivist), Idris (exhibition designer), Nikolai (tour guide).

#### Q Who took the Vermeer sketch?

1. Rosalind's security camera confirms they were at the external office from 15:20 to 17:45.
2. The private collection room is normally accessed only via security badge, and Idris's vault combination was used at 15:20.
3. Idris claims to have been out for a long break during the window. No supporting evidence has been provided.
4. Nikolai was at a scheduled external meeting during the window.
5. Emiko was documented by the badge swipe log in a different building during the window.
6. Rhys was at a scheduled external meeting during the window.
7. The theft required specialized access privileges – only Rosalind and Idris have this among the five.

### CASE 08

A game-day playbook was taken from the equipment room of Brightline Fitness between 15:00 and 17:15. The operation required expert knowledge of the system. Five people had any plausible connection: Kalinda (athletic trainer), Cosima (star player), Joaquin (head coach), Aleksandr (assistant coach), Mahdi (team captain).

#### Q Who took the game-day playbook?

1. Cosima was documented by the witness teammate in a different building during the window.
2. The theft required expert knowledge of the system – only Kalinda and Aleksandr have this among the five.
3. Aleksandr's time-clock record confirms they were at the remote facility from 15:00 to 17:15.
4. Mahdi was at a scheduled conference call during the window.
5. Kalinda claims to have been out for a long break during the window. No supporting evidence has been provided.
6. Joaquin was documented by the equipment sign-out in a different building during the window.
7. The equipment room is normally accessed only via locker code, and Kalinda's team key was used at 15:00.

### CASE 09

A VIP patient file was taken from the administration office of Saint-Clair Hospital between 15:45 and 18:10. The operation required specialized access privileges. Five people had any plausible connection: Sami (head nurse), Ronan (janitor), Yusuf (administrator), Kiran (medical resident), Frida (volunteer).

#### Q Who took the VIP patient file?

1. Frida claims to have been out for a long break during the window. No supporting evidence has been provided.
2. Yusuf's witness staff confirms they were at the off-site location from 15:45 to 18:10.
3. Sami was documented by the badge log in a different building during the window.
4. The theft required specialized access privileges – only Yusuf and Frida have this among the five.
5. The administration office is normally accessed only via pharmacy key, and Frida's restricted-wing access was used at 15:45.
6. Ronan was documented by the door sensor in a different building during the window.
7. Kiran 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.

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### Case 01 E) Hasan

- ☒ The corporate theft required specialized access privileges.
  - ☒ Iolathe lacks the required skill – cleared.
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### Case 02 E) Magnus

- ☒ The theft required authorized credentials.
  - ☒ Ezra lacks the required skill – cleared.
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### Case 03 C) Gemma

- ☒ The sample tampering required specialized access privileges.
  - ☒ Etienne lacks the required skill – cleared.
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### Case 04 D) Rhys

- ☒ The theft required authorized credentials.
  - ☒ Dimah lacks the required skill – cleared.
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### Case 05 B) Ginevra

- ☒ The theft required technical training.
  - ☒ Elara lacks the required skill – cleared.
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### Case 06 B) Joren

- ☒ The data theft required technical training.
  - ☒ Xiomara lacks the required skill – cleared.
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### Case 07 A) Idris

- ☒ The theft required specialized access privileges.
  - ☒ Emiko lacks the required skill – cleared.
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### Case 08 D) Kalinda

- ☒ The theft required expert knowledge of the system.
  - ☒ Cosima lacks the required skill – cleared.
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### Case 09 E) Frida

- ☒ The theft required specialized access privileges.
- ☒ Sami lacks the required skill – cleared.