

## Deduction Mysteries

### CASE 01

The tax records were taken from the restricted reading room of City Records Office between 15:45 and 17:30. The operation required required certifications. Five people had any plausible connection: Noor (head archivist), Ronan (researcher), Oren (volunteer), Ramona (clerk), Mahdi (records administrator).

#### Q Who took the tax records?

1. Oren was documented by the reading-room sign-in in a different building during the window.
2. The theft required required certifications – only Ronan and Ramona have this among the five.
3. Noor was documented by the camera footage in a different building during the window.
4. Ramona claims to have been out for a long break during the window. No supporting evidence has been provided.
5. Mahdi was documented by the vault entry record in a different building during the window.
6. Ronan's archive log confirms they were at the remote facility from 15:45 to 17:30.
7. The restricted reading room is normally accessed only via research-room pass, and Ramona's archive badge was used at 15:45.

### CASE 02

The clinical trial samples were taken from the pharmacy of Brierfield Hospital between 15:20 and 17:10. The operation required authorized credentials. Five people had any plausible connection: Bayan (technician), Ines (social worker), Anastasia (security officer), Hakim (head nurse), Bao (janitor).

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

1. Bayan claims to have been offsite for a personal errand during the window. No supporting evidence has been provided.
2. Hakim was documented by the elevator log in a different building during the window.
3. Anastasia's elevator log confirms they were at the off-site location from 15:20 to 17:10.
4. Bao was at the main office the entire window during the window.
5. The pharmacy is normally accessed only via pharmacy key, and Bayan's pharmacy key was used at 15:20.
6. Ines was at the external facility the entire window during the window.
7. The theft required authorized credentials – only Anastasia and Bayan have this among the five.

### CASE 03

The prototype specifications were taken from the CEO office of Cedarstone Inc between 15:00 and 18:10. The operation required required certifications. Five people had any plausible connection: Idris (IT administrator), Mahdi (intern), Ezra (security officer), Vidal (executive assistant), Gisela (CFO).

#### Q Who took the prototype specifications?

1. The CEO office is normally accessed only via document-room code, and Idris's elevator key was used at 15:00.
2. Mahdi's security badge log confirms they were at the off-site location from 15:00 to 18:10.
3. Gisela was at a scheduled training course during the window.
4. Ezra was documented by the security badge log in a different building during the window.
5. The corporate theft required required certifications – only Mahdi and Idris have this among the five.
6. Idris claims to have been working alone in their office during the window. No supporting evidence has been provided.
7. Vidal was documented by the elevator log in a different building during the window.

## Deduction Mysteries

### CASE 04

A client contract data was extracted from the engineer pod of Atlas Cloud between 13:40 and 15:30. The operation required expert knowledge of the system. Five people had any plausible connection: Kerensa (contractor), Mikael (DevOps lead), Noor (site-reliability engineer), Aurora (CTO), Katarina (data scientist).

#### Q Who extracted the client contract data?

1. Aurora claims to have been working alone in their office during the window. No supporting evidence has been provided.
2. Katarina's SSH key was not used at any point during the window.
3. Mikael was at a scheduled conference call during the window.
4. The engineer pod is normally accessed only via badge, and Aurora's admin token was used at 13:40.
5. Kerensa's witness colleague confirms they were at the off-site location from 13:40 to 15:30.
6. Noor was at the external facility the entire window during the window.
7. The data theft required expert knowledge of the system – only Aurora and Kerensa have this among the five.

### CASE 05

A donor list was taken from the reference desk of Helix Reading Room between 16:15 and 19:15. The operation required authorized credentials. Five people had any plausible connection: Sora (custodian), Ramona (rare-books curator), Bram (head librarian), Finnegan (archivist), Quincy (research assistant).

#### Q Who took the donor list?

1. Finnegan's witness patron confirms they were at the external office from 16:15 to 19:15.
2. Quincy was documented by the badge swipe in a different building during the window.
3. The theft required authorized credentials – only Finnegan and Ramona have this among the five.
4. The reference desk is normally accessed only via reading-room pass, and Ramona's staff key was used at 16:15.
5. Bram was documented by the badge swipe in a different building during the window.
6. Bram's reading-room pass was not used at any point during the window.
7. Ramona claims to have been offsite for a personal errand during the window. No supporting evidence has been provided.

### CASE 06

The locker contents were taken from the training facility of Brightline Fitness between 16:10 and 19:10. The operation required required certifications. Five people had any plausible connection: Ravi (athletic trainer), Hakim (rookie player), Faye (referee), Roksana (equipment manager), Sora (head coach).

#### Q Who took the locker contents?

1. Roksana was at a scheduled training course during the window.
2. Hakim's badge log confirms they were at the external office from 16:10 to 19:10.
3. The training facility is normally accessed only via equipment-room key, and Sora's team key was used at 16:10.
4. Sora claims to have been offsite for a personal errand during the window. No supporting evidence has been provided.
5. Faye was documented by the facility camera in a different building during the window.
6. Ravi was documented by the equipment sign-out in a different building during the window.
7. The theft required required certifications – only Sora and Hakim have this among the five.

## Deduction Mysteries

### CASE 07

The adoption papers were taken from the research area of City Records Office between 15:10 and 18:00. The operation required technical training. Five people had any plausible connection: Yara (administrator), Quentin (researcher), Finnegan (head archivist), Enzo (volunteer), Lior (clerk).

#### Q Who took the adoption papers?

1. Quentin was at the external facility the entire window during the window.
2. Enzo was documented by the camera footage in a different building during the window.
3. The theft required technical training – only Lior and Finnegan have this among the five.
4. The research area is normally accessed only via research-room pass, and Finnegan's archive badge was used at 15:10.
5. Finnegan claims to have been working alone in their office during the window. No supporting evidence has been provided.
6. Yara was at the front desk the entire window during the window.
7. Lior's camera footage confirms they were at the remote facility from 15:10 to 18:00.

### CASE 08

A calibration kit was swapped from the sample storage of Pemberton Pharmaceuticals between 15:45 and 17:10. The operation required specialized access privileges. Five people had any plausible connection: Jacinta (visiting scientist), Odell (equipment manager), Zinnia (undergraduate volunteer), Cassia (safety officer), Mikael (postdoctoral researcher).

#### Q Who swapped the calibration kit?

1. The sample tampering required specialized access privileges – only Zinnia and Mikael have this among the five.
2. Odell was at the external facility the entire window during the window.
3. Cassia was at the external facility the entire window during the window.
4. Jacinta was at the main office the entire window during the window.
5. The sample storage is normally accessed only via lab badge, and Zinnia's lab badge was used at 15:45.
6. Zinnia claims to have been offsite for a personal errand during the window. No supporting evidence has been provided.
7. Mikael's freezer access log confirms they were at the off-site location from 15:45 to 17:10.

### CASE 09

An annotated copy was taken from the special collections room of Pemberton Research Library between 15:20 and 18:15. The operation required required certifications. Five people had any plausible connection: Anastasia (head librarian), Ginevra (intern), Anand (research assistant), Zephyr (archivist), Yara (visiting scholar).

#### Q Who took the annotated copy?

1. Yara was at the main office the entire window during the window.
2. Anastasia was at the external facility the entire window during the window.
3. Ginevra claims to have been out for a long break during the window. No supporting evidence has been provided.
4. Zephyr was at the main office the entire window during the window.
5. The special collections room is normally accessed only via vault key, and Ginevra's reading-room pass was used at 15:20.
6. The theft required required certifications – only Ginevra and Anand have this among the five.
7. Anand's archive log confirms they were at the off-site location from 15:20 to 18:15.

## Answer Key – Deduction Mysteries

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

---

### Case 01 E) Ramona

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

### Case 02 C) Bayan

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

### Case 03 D) Idris

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

### Case 04 A) Aurora

- ☒ The data theft required expert knowledge of the system.
  - ☒ Mikael lacks the required skill – cleared.
- 

### Case 05 B) Ramona

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

### Case 06 E) Sora

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

### Case 07 C) Finnegan

- ☒ The theft required technical training.
  - ☒ Yara lacks the required skill – cleared.
- 

### Case 08 D) Zinnia

- ☒ The sample tampering required specialized access privileges.
  - ☒ Jacinta lacks the required skill – cleared.
- 

### Case 09 C) Ginevra

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