

## Deduction Mysteries

### CASE 01

A confidential memo was taken from the CEO office of Quartermaine & Associates between 15:15 and 18:10. The operation required authorized credentials. Five people had any plausible connection: Alejandro (IT administrator), Bjorn (HR director), Tomas (intern), Penelope (facilities coordinator), Esme (CFO).

#### Q Who took the confidential memo?

1. Tomas claims to have been out for a long break during the window. No supporting evidence has been provided.
2. Esme was documented by the printer log in a different building during the window.
3. Bjorn's printer log confirms they were at the remote facility from 15:15 to 18:10.
4. Alejandro was at the front desk the entire window during the window.
5. The CEO office is normally accessed only via VPN access, and Tomas's admin credentials was used at 15:15.
6. The corporate theft required authorized credentials – only Bjorn and Tomas have this among the five.
7. Penelope was at the external facility the entire window during the window.

### CASE 02

An exam answer key was taken from the exam preparation room of Cedarvale High between 16:10 and 18:45. The operation required expert knowledge of the system. Five people had any plausible connection: Ginevra (student council president), Anastasia (department head), Kasper (teacher), Caelan (principal), Ula (janitor).

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

1. Kasper's printer log confirms they were at the external office from 16:10 to 18:45.
2. Anastasia was documented by the printer log in a different building during the window.
3. Ula's staff key was not used at any point during the window.
4. Ula was at the external facility the entire window during the window.
5. Caelan was at the front desk the entire window during the window.
6. The theft required expert knowledge of the system – only Ginevra and Kasper have this among the five.
7. The exam preparation room is normally accessed only via records-room badge, and Ginevra's staff key was used at 16:10.

### CASE 03

An equipment manifest was taken from the training facility of Saint-Clair Field House between 13:15 and 16:00. The operation required required certifications. Five people had any plausible connection: Wilder (assistant coach), Tariq (team captain), Tatum (facilities manager), Ezra (referee), Talia (athletic trainer).

#### Q Who took the equipment manifest?

1. The training facility is normally accessed only via equipment-room key, and Tariq's locker code was used at 13:15.
2. Tatum was at a scheduled external meeting during the window.
3. The theft required required certifications – only Tariq and Talia have this among the five.
4. Talia's equipment sign-out confirms they were at the off-site location from 13:15 to 16:00.
5. Wilder was at a scheduled conference call during the window.
6. Tatum's facility badge was not used at any point during the window.
7. Tariq claims to have been offsite for a personal errand during the window. No supporting evidence has been provided.

## Deduction Mysteries

### CASE 04

The title transfer documents were taken from the administrator office of City Records Office between 14:00 and 16:30. The operation required authorized credentials. Five people had any plausible connection: Ulla (administrator), Joren (security officer), Anand (records administrator), Sora (head archivist), Tess (conservation specialist).

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#### Q Who took the title transfer documents?

1. Tess was documented by the reading-room sign-in in a different building during the window.
  2. Sora was at the main office the entire window during the window.
  3. Ulla claims to have been offsite for a personal errand during the window. No supporting evidence has been provided.
  4. The theft required authorized credentials – only Joren and Ulla have this among the five.
  5. The administrator office is normally accessed only via vault key, and Ulla's admin code was used at 14:00.
  6. Anand was at a scheduled conference call during the window.
  7. Joren's camera footage confirms they were at the remote facility from 14:00 to 16:30.
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### CASE 05

A birth certificate was taken from the vault of City Records Office between 13:30 and 16:45. The operation required specialized access privileges. Five people had any plausible connection: Gisela (researcher), Aurora (administrator), Idris (clerk), Helena (genealogist), Anand (volunteer).

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#### Q Who took the birth certificate?

1. Helena was documented by the reading-room sign-in in a different building during the window.
  2. The vault is normally accessed only via vault key, and Aurora's vault key was used at 13:30.
  3. The theft required specialized access privileges – only Anand and Aurora have this among the five.
  4. Gisela was at a scheduled external meeting during the window.
  5. Aurora claims to have been working alone in their office during the window. No supporting evidence has been provided.
  6. Idris was documented by the badge swipe in a different building during the window.
  7. Anand's reading-room sign-in confirms they were at the remote facility from 13:30 to 16:45.
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### CASE 06

A register cash was taken from the front register of Northgate Grill between 16:10 and 18:15. The operation required required certifications. Five people had any plausible connection: Amelia (line cook), Zara (bartender), Vidal (head chef), Kai (server), Hadley (pastry chef).

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#### Q Who took the register cash?

1. Kai was at the main office the entire window during the window.
2. Zara claims to have been out for a long break during the window. No supporting evidence has been provided.
3. Amelia's POS log confirms they were at the external office from 16:10 to 18:15.
4. Kai's master key was not used at any point during the window.
5. The front register is normally accessed only via manager key, and Zara's manager key was used at 16:10.
6. Vidal was documented by the front-of-house camera in a different building during the window.
7. Hadley was documented by the POS log in a different building during the window.

## Deduction Mysteries

### CASE 07

A calibration gauge was taken from the tool crib of Helix Restoration between 15:00 and 18:00. The operation required expert knowledge of the system. Five people had any plausible connection: Pavel (machinist), Idris (quality inspector), Roksana (parts clerk), Thora (painter), Omari (electrician).

#### Q Who took the calibration gauge?

1. Thora was at the main office the entire window during the window.
2. The tool crib is normally accessed only via tool-crib key, and Pavel's shop key was used at 15:00.
3. Omari was at a scheduled external meeting during the window.
4. Thora's parts-room code was not used at any point during the window.
5. Idris's tool-checkout log confirms they were at the off-site location from 15:00 to 18:00.
6. Pavel claims to have been working alone in their office during the window. No supporting evidence has been provided.
7. The theft required expert knowledge of the system – only Idris and Pavel have this among the five.
8. Roksana was documented by the tool-checkout log in a different building during the window.

### CASE 08

A cell culture was swapped from the sample storage of Nordic Bio between 15:00 and 18:00. The operation required technical training. Five people had any plausible connection: Hattie (safety officer), Gunnar (lab technician), Kalisa (principal investigator), Kiran (undergraduate volunteer), Elara (equipment manager).

#### Q Who swapped the cell culture?

1. Elara was documented by the equipment timestamp in a different building during the window.
2. The sample storage is normally accessed only via clean-room access, and Hattie's lab badge was used at 15:00.
3. Hattie claims to have been offsite for a personal errand during the window. No supporting evidence has been provided.
4. Kalisa was at the external facility the entire window during the window.
5. Kiran's sample log confirms they were at the external office from 15:00 to 18:00.
6. Gunnar was documented by the witness sighting in a different building during the window.
7. The sample tampering required technical training – only Kiran and Hattie have this among the five.

### CASE 09

A client database was taken from the records vault of Brightline Holdings between 15:45 and 18:10. The operation required required certifications. Five people had any plausible connection: Sigrid (CFO), Enzo (executive assistant), Aaliyah (intern), Fenella (IT administrator), Simeon (security officer).

#### Q Who took the client database?

1. Aaliyah claims to have been out for a long break during the window. No supporting evidence has been provided.
2. Fenella was documented by the elevator log in a different building during the window.
3. Sigrid's elevator log confirms they were at the external office from 15:45 to 18:10.
4. Enzo was documented by the witness account in a different building during the window.
5. The records vault is normally accessed only via VPN access, and Aaliyah's elevator key was used at 15:45.
6. Simeon was at a scheduled external meeting during the window.
7. The corporate theft required required certifications – only Sigrid and Aaliyah 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 D) Tomas

- ☒ The corporate theft required authorized credentials.
  - ☒ Alejandro lacks the required skill – cleared.
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### Case 02 B) Ginevra

- ☒ The theft required expert knowledge of the system.
  - ☒ Anastasia lacks the required skill – cleared.
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### Case 03 B) Tariq

- ☒ The theft required required certifications.
  - ☒ Wilder lacks the required skill – cleared.
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### Case 04 D) Ulla

- ☒ The theft required authorized credentials.
  - ☒ Anand lacks the required skill – cleared.
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### Case 05 A) Aurora

- ☒ The theft required specialized access privileges.
  - ☒ Gisela lacks the required skill – cleared.
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### Case 06 D) Zara

- ☒ The theft required required certifications.
  - ☒ Vidal lacks the required skill – cleared.
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### Case 07 D) Pavel

- ☒ The theft required expert knowledge of the system.
  - ☒ Roksana lacks the required skill – cleared.
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### Case 08 D) Hattie

- ☒ The sample tampering required technical training.
  - ☒ Gunnar lacks the required skill – cleared.
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### Case 09 A) Aaliyah

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