

## Deduction Mysteries

### CASE 01

A championship ring was taken from the locker room of Pemberton Stadium between 16:20 and 19:10. The operation required required certifications. Five people had any plausible connection: Anand (referee), Ula (facilities manager), Akira (rookie player), Quincy (athletic trainer), Maeve (star player).

#### Q Who took the championship ring?

1. The theft required required certifications – only Akira and Ula have this among the five.
2. Anand was at a scheduled training course during the window.
3. The locker room is normally accessed only via facility badge, and Ula's equipment-room key was used at 16:20.
4. Maeve was at the main office the entire window during the window.
5. Ula claims to have been out for a long break during the window. No supporting evidence has been provided.
6. Quincy was documented by the facility camera in a different building during the window.
7. Quincy's equipment-room key was not used at any point during the window.

### CASE 02

A locker key was taken from the faculty lounge of Northgate Academy between 16:45 and 19:15. The operation required authorized credentials. Five people had any plausible connection: Daphne (student council president), Elara (librarian), Caelan (secretary), Aleksandr (principal), Alejandro (department head).

#### Q Who took the locker key?

1. Aleksandr was at a scheduled external meeting during the window.
2. Elara claims to have been out for a long break during the window. No supporting evidence has been provided.
3. Alejandro was documented by the witness statement in a different building during the window.
4. Caelan was documented by the attendance log in a different building during the window.
5. Daphne's door sensor confirms they were at the off-site location from 16:45 to 19:15.
6. The faculty lounge is normally accessed only via master key, and Elara's records-room badge was used at 16:45.
7. The theft required authorized credentials – only Daphne and Elara have this among the five.

### CASE 03

A signed treaty was taken from the restricted reading room of City Records Office between 13:15 and 16:10. The operation required authorized credentials. Five people had any plausible connection: Joren (volunteer), Etienne (security officer), Ramona (administrator), Diallo (genealogist), Arjun (researcher).

#### Q Who took the signed treaty?

1. Ramona was documented by the reading-room sign-in in a different building during the window.
2. The restricted reading room is normally accessed only via vault key, and Diallo's admin code was used at 13:15.
3. Joren's camera footage confirms they were at the external office from 13:15 to 16:10.
4. Diallo claims to have been out for a long break during the window. No supporting evidence has been provided.
5. Etienne was documented by the camera footage in a different building during the window.
6. The theft required authorized credentials – only Diallo and Joren have this among the five.
7. Arjun was at a scheduled external meeting during the window.

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### CASE 04

A donor list was taken from the restoration room of Northgate Library between 13:40 and 16:10. The operation required authorized credentials. Five people had any plausible connection: Tess (research assistant), Bram (reference librarian), Faye (cataloger), Nikolai (rare-books curator), Mei (archivist).

#### Q Who took the donor list?

1. Mei was at a scheduled external meeting during the window.
2. Nikolai claims to have been working alone in their office during the window. No supporting evidence has been provided.
3. The theft required authorized credentials – only Nikolai and Tess have this among the five.
4. Bram was documented by the archive log in a different building during the window.
5. Tess's security camera confirms they were at the external office from 13:40 to 16:10.
6. The restoration room is normally accessed only via archive badge, and Nikolai's staff key was used at 13:40.
7. Faye was at a scheduled conference call during the window.

### CASE 05

A prototype assembly was taken from the engine assembly area of Pemberton Repair between 15:00 and 17:10. The operation required authorized credentials. Five people had any plausible connection: Nizar (shop manager), Leander (machinist), Zara (master mechanic), Enzo (welder), Gunnar (customer service rep).

#### Q Who took the prototype assembly?

1. The engine assembly area is normally accessed only via parts-room code, and Leander's shop key was used at 15:00.
2. The theft required authorized credentials – only Leander and Nizar have this among the five.
3. Enzo was at the external facility the entire window during the window.
4. Nizar's shop camera confirms they were at the remote facility from 15:00 to 17:10.
5. Gunnar was at the front desk the entire window during the window.
6. Zara was documented by the witness coworker in a different building during the window.
7. Leander claims to have been out for a long break during the window. No supporting evidence has been provided.

### CASE 06

A genealogy register was taken from the conservation room of Aldermarsh County Archive between 13:10 and 16:00. The operation required technical training. Five people had any plausible connection: Olive (conservation specialist), Vidal (administrator), Gunnar (clerk), Aurora (volunteer), Dimitri (security officer).

#### Q Who took the genealogy register?

1. The conservation room is normally accessed only via archive badge, and Olive's vault key was used at 13:10.
2. Olive claims to have been out for a long break during the window. No supporting evidence has been provided.
3. Gunnar was documented by the archive log in a different building during the window.
4. Vidal's badge swipe confirms they were at the remote facility from 13:10 to 16:00.
5. Aurora was documented by the vault entry record in a different building during the window.
6. Dimitri was documented by the vault entry record in a different building during the window.
7. The theft required technical training – only Vidal and Olive have this among the five.

## Deduction Mysteries

### CASE 07

A client database was taken from the data center of Cedarstone Inc between 13:40 and 15:00. The operation required authorized credentials. Five people had any plausible connection: Saoirse (IT administrator), Alessio (security officer), Emiko (intern), Selene (executive assistant), Ronan (CFO).

#### Q Who took the client database?

1. Saoirse was at a scheduled external meeting during the window.
2. The corporate theft required authorized credentials – only Ronan and Selene have this among the five.
3. Ronan's printer log confirms they were at the external office from 13:40 to 15:00.
4. The data center is normally accessed only via employee badge, and Selene's employee badge was used at 13:40.
5. Emiko's employee badge was not used at any point during the window.
6. Emiko was at a scheduled training course during the window.
7. Selene claims to have been offsite for a personal errand during the window. No supporting evidence has been provided.

### CASE 08

An oil painting was taken from the curator office of Pemberton Wing between 16:20 and 19:45. The operation required required certifications. Five people had any plausible connection: Theo (exhibition designer), Joren (curator), Juno (night security), Dario (archivist), Arjun (security guard).

#### Q Who took the oil painting?

1. The curator office is normally accessed only via master key, and Theo's security badge was used at 16:20.
2. Juno's elevator log confirms they were at the external office from 16:20 to 19:45.
3. Dario was at the main office the entire window during the window.
4. Arjun was at a scheduled training course during the window.
5. Joren was documented by the door sensor in a different building during the window.
6. Joren's security badge was not used at any point during the window.
7. The theft required required certifications – only Juno and Theo have this among the five.

### CASE 09

A locker key was taken from the exam preparation room of Cedarvale High between 13:15 and 16:10. The operation required authorized credentials. Five people had any plausible connection: Ula (janitor), Zephyr (substitute teacher), Kenji (principal), Faye (school counselor), Kai (librarian).

#### Q Who took the locker key?

1. Zephyr was at a scheduled training course during the window.
2. Ula was at the front desk the entire window during the window.
3. Faye was at the external facility the entire window during the window.
4. Kai claims to have been offsite for a personal errand during the window. No supporting evidence has been provided.
5. The theft required authorized credentials – only Kai and Kenji have this among the five.
6. Kenji's hallway camera confirms they were at the off-site location from 13:15 to 16:10.
7. The exam preparation room is normally accessed only via staff key, and Kai's records-room badge was used at 13:15.

## Answer Key – Deduction Mysteries

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

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### Case 01 E) Ula

- ☒ The theft required required certifications.
  - ☒ Anand lacks the required skill – cleared.
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### Case 02 B) Elara

- ☒ The theft required authorized credentials.
  - ☒ Caelan lacks the required skill – cleared.
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### Case 03 B) Diallo

- ☒ The theft required authorized credentials.
  - ☒ Etienne lacks the required skill – cleared.
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### Case 04 B) Nikolai

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

- ☒ The theft required authorized credentials.
  - ☒ Zara lacks the required skill – cleared.
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### Case 06 A) Olive

- ☒ The theft required technical training.
  - ☒ Gunnar lacks the required skill – cleared.
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### Case 07 B) Selene

- ☒ The corporate theft required authorized credentials.
  - ☒ Saoirse lacks the required skill – cleared.
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### Case 08 B) Theo

- ☒ The theft required required certifications.
  - ☒ Joren lacks the required skill – cleared.
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### Case 09 B) Kai

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