

Deduction Mysteries

CASE 01

A controlled medication was taken from the blood bank of Aldermarsh Clinic between 15:10 and 17:30. The operation required authorized credentials. Five people had any plausible connection: Nadia (medical resident), Penelope (attending physician), Hadley (technician), Cassia (volunteer), Ramona (social worker).

Q Who took the controlled medication?

1. Cassia was at a scheduled conference call during the window.
2. Hadley's restricted-wing access was not used at any point during the window.
3. Hadley was at a scheduled external meeting during the window.
4. The theft required authorized credentials – only Nadia and Ramona have this among the five.
5. Nadia's witness staff confirms they were at the external office from 15:10 to 17:30.
6. The blood bank is normally accessed only via restricted-wing access, and Ramona's hospital badge was used at 15:10.
7. Penelope was at a scheduled external meeting during the window.
8. Ramona claims to have been working alone in their office during the window. No supporting evidence has been provided.

CASE 02

A client contract data was extracted from the executive suite of Atlas Cloud between 13:40 and 15:00. The operation required expert knowledge of the system. Five people had any plausible connection: Iolanthe (product manager), Marisol (security analyst), Hattie (support lead), Hadley (CTO), Arjun (intern).

Q Who extracted the client contract data?

1. Marisol claims to have been working alone in their office during the window. No supporting evidence has been provided.
2. The executive suite is normally accessed only via admin token, and Marisol's MFA device was used at 13:40.
3. Iolanthe's SSH key was not used at any point during the window.
4. Iolanthe was at the front desk the entire window during the window.
5. Hadley was at the external facility the entire window during the window.
6. Arjun was at the main office the entire window during the window.
7. The data theft required expert knowledge of the system – only Marisol and Hattie have this among the ^{five}.

CASE 03

A member roster was taken from the coach's office of Pemberton Stadium between 16:40 and 19:15. The operation required required certifications. Five people had any plausible connection: Kalisa (athletic trainer), Ezra (equipment manager), Lana (team captain), Odell (assistant coach), Saoirse (rookie player).

Q Who took the member roster?

1. The theft required required certifications – only Lana and Saoirse have this among the five.
2. Saoirse claims to have been out for a long break during the window. No supporting evidence has been provided.
3. Lana's witness teammate confirms they were at the external office from 16:40 to 19:15.
4. Kalisa was documented by the witness teammate in a different building during the window.
5. Ezra was at a scheduled external meeting during the window.
6. The coach's office is normally accessed only via locker code, and Saoirse's facility badge was used at 16:40.
7. Odell was at the front desk the entire window during the window.

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CASE 04

A locker key was taken from the library archive of Northgate Academy between 14:00 and 17:10. The operation required authorized credentials. Five people had any plausible connection: Leander (school counselor), Faye (coach), Ishaan (student council president), Alessio (substitute teacher), Polina (department head).

Q Who took the locker key?

1. The library archive is normally accessed only via staff key, and Alessio's records-room badge was used at 14:00.
2. Alessio claims to have been offsite for a personal errand during the window. No supporting evidence has been provided.
3. Faye was documented by the keycard log in a different building during the window.
4. Polina's door sensor confirms they were at the remote facility from 14:00 to 17:10.
5. Leander was documented by the door sensor in a different building during the window.
6. The theft required authorized credentials – only Polina and Alessio have this among the five.
7. Ishaan was documented by the attendance log in a different building during the window.

CASE 05

A confidential memo was taken from the server room of Northgate Partners between 14:40 and 16:45. The operation required required certifications. Five people had any plausible connection: Lucia (records clerk), Stellan (security officer), Dimitri (intern), Ulla (CFO), Eira (senior engineer).

Q Who took the confidential memo?

1. Stellan was documented by the VPN session log in a different building during the window.
2. The server room is normally accessed only via admin credentials, and Lucia's elevator key was used at 14:40.
3. Ulla was at a scheduled training course during the window.
4. Eira's VPN access was not used at any point during the window.
5. Lucia claims to have been out for a long break during the window. No supporting evidence has been provided.
6. Dimitri's VPN session log confirms they were at the remote facility from 14:40 to 16:45.
7. Eira was documented by the security badge log in a different building during the window.

CASE 06

A controlled medication was taken from the medication closet of Aldermarsh Clinic between 15:30 and 18:10. The operation required authorized credentials. Five people had any plausible connection: Elara (administrator), Fariha (technician), Anastasia (medical resident), Hadley (pharmacist), Selene (security officer).

Q Who took the controlled medication?

1. Hadley was documented by the door sensor in a different building during the window.
2. Fariha was at the main office the entire window during the window.
3. Elara was documented by the medication audit in a different building during the window.
4. The theft required authorized credentials – only Anastasia and Selene have this among the five.
5. The medication closet is normally accessed only via pharmacy key, and Anastasia's hospital badge was used at 15:30.
6. Selene's badge log confirms they were at the off-site location from 15:30 to 18:10.
7. Anastasia claims to have been offsite for a personal errand during the window. No supporting evidence has been provided.

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CASE 07

A sealed reagent was swapped from the prep bench of Solstice Research between 14:20 and 17:00. The operation required authorized credentials. Five people had any plausible connection: Cassia (postdoctoral researcher), Joren (safety officer), Zinnia (lab technician), Polina (equipment manager), Bjorn (clinical coordinator).

Q Who swapped the sealed reagent?

1. Joren was at the external facility the entire window during the window.
2. Bjorn claims to have been out for a long break during the window. No supporting evidence has been provided.
3. Cassia was at a scheduled training course during the window.
4. The sample tampering required authorized credentials – only Polina and Bjorn have this among the five.
5. Zinnia's lab badge was not used at any point during the window.
6. Polina's clean-room entry log confirms they were at the off-site location from 14:20 to 17:00.
7. Zinnia was documented by the witness sighting in a different building during the window.

CASE 08

A championship ring was taken from the training facility of Brightline Fitness between 14:15 and 16:30. The operation required expert knowledge of the system. Five people had any plausible connection: Fariha (rookie player), Fenella (team captain), Theo (referee), Wilder (team statistician), Xanthe (assistant coach).

Q Who took the championship ring?

1. Fenella was at a scheduled external meeting during the window.
2. Xanthe claims to have been working alone in their office during the window. No supporting evidence has been provided.
3. Theo was at a scheduled training course during the window.
4. Fenella's facility badge was not used at any point during the window.
5. The theft required expert knowledge of the system – only Xanthe and Fariha have this among the five.
6. Fariha's facility camera confirms they were at the external office from 14:15 to 16:30.
7. The training facility is normally accessed only via facility badge, and Xanthe's equipment-room key was used at 14:15.

CASE 09

The rehearsal recordings were taken from the backstage left of Northgate Stage between 14:40 and 17:45. The operation required technical training. Five people had any plausible connection: Darya (lead actor), Ravi (costume designer), Aaliyah (musical director), Roksana (box-office manager), Sami (lighting tech).

Q Who took the rehearsal recordings?

1. Sami claims to have been offsite for a personal errand during the window. No supporting evidence has been provided.
2. The backstage left is normally accessed only via backstage pass, and Sami's prop-room code was used at 14:40.
3. The theft required technical training – only Roksana and Sami have this among the five.
4. Aaliyah was at a scheduled external meeting during the window.
5. Darya's prop-room code was not used at any point during the window.
6. Roksana's props inventory log confirms they were at the remote facility from 14:40 to 17:45.
7. Darya 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.

Case 01 B) Ramona

- ☒ The theft required authorized credentials.
 - ☒ Penelope lacks the required skill – cleared.
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Case 02 D) Marisol

- ☒ The data theft required expert knowledge of the system.
 - ☒ Iolanthe lacks the required skill – cleared.
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Case 03 C) Saoirse

- ☒ The theft required required certifications.
 - ☒ Kalisa lacks the required skill – cleared.
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Case 04 D) Alessio

- ☒ The theft required authorized credentials.
 - ☒ Leander lacks the required skill – cleared.
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Case 05 C) Lucia

- ☒ The corporate theft required required certifications.
 - ☒ Stellan lacks the required skill – cleared.
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Case 06 E) Anastasia

- ☒ The theft required authorized credentials.
 - ☒ Elara lacks the required skill – cleared.
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Case 07 B) Bjorn

- ☒ The sample tampering required authorized credentials.
 - ☒ Cassia lacks the required skill – cleared.
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Case 08 A) Xanthe

- ☒ The theft required expert knowledge of the system.
 - ☒ Fenella lacks the required skill – cleared.
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Case 09 B) Sami

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