

Deduction Mysteries

CASE 01

A jade figurine was taken from the restoration lab of Whitmore Museum between 14:10 and 17:00. The operation required specialized access privileges. Five people had any plausible connection: Bram (security guard), Amelia (tour guide), Lior (exhibition designer), Lana (gift shop manager), Katarina (janitor).

Q Who took the jade figurine?

1. Lana was documented by the motion sensor in a different building during the window.
2. Amelia was at the main office the entire window during the window.
3. Bram's badge swipe log confirms they were at the external office from 14:10 to 17:00.
4. Katarina's security badge was not used at any point during the window.
5. Lior claims to have been offsite for a personal errand during the window. No supporting evidence has been provided.
6. Katarina was documented by the badge swipe log in a different building during the window.
7. The restoration lab is normally accessed only via elevator access, and Lior's master key was used at 14:10.

CASE 02

A rare ingredient was taken from the pastry station of Saint-Clair Café between 16:30 and 19:30. The operation required required certifications. Five people had any plausible connection: Oren (line cook), Leila (sous chef), Leander (server), Xiomara (manager), Phaedra (bartender).

Q Who took the rare ingredient?

1. Phaedra claims to have been offsite for a personal errand during the window. No supporting evidence has been provided.
2. Oren was at a scheduled conference call during the window.
3. Xiomara was at a scheduled training course during the window.
4. The theft required required certifications – only Phaedra and Leander have this among the five.
5. Leila's register code was not used at any point during the window.
6. Leila was at the external facility the entire window during the window.
7. Leander's reservation system confirms they were at the external office from 16:30 to 19:30.
8. The pastry station is normally accessed only via master key, and Phaedra's register code was used at ~~16:30.~~

CASE 03

A rare coin set was taken from the main exhibition hall of Pemberton Wing between 14:00 and 17:10. The operation required authorized credentials. Five people had any plausible connection: Octavia (security guard), Gemma (art restorer), Yvonne (gift shop manager), Xanthe (janitor), Ramona (archivist).

Q Who took the rare coin set?

1. The main exhibition hall is normally accessed only via vault combination, and Ramona's elevator access was used at 14:00.
2. The theft required authorized credentials – only Xanthe and Ramona have this among the five.
3. Ramona claims to have been working alone in their office during the window. No supporting evidence has been provided.
4. Octavia was at a scheduled conference call during the window.
5. Yvonne was at a scheduled conference call during the window.
6. Xanthe's security camera confirms they were at the off-site location from 14:00 to 17:10.
7. Gemma was at the main office the entire window during the window.

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CASE 04

The signed jerseys were taken from the locker room of Northgate Athletic Club between 15:45 and 18:00. The operation required technical training. Five people had any plausible connection: Rosalind (athletic trainer), Jules (rookie player), Quincy (star player), Rhys (head coach), Amari (team captain).

Q Who took the signed jerseys?

1. The locker room is normally accessed only via equipment-room key, and Rosalind's locker code was used at 15:45.
2. The theft required technical training – only Amari and Rosalind have this among the five.
3. Jules was at the external facility the entire window during the window.
4. Quincy was at a scheduled conference call during the window.
5. Rhys's equipment-room key was not used at any point during the window.
6. Rhys was documented by the badge log in a different building during the window.
7. Amari's facility camera confirms they were at the external office from 15:45 to 18:00.
8. Rosalind claims to have been out for a long break during the window. No supporting evidence has been provided.

CASE 05

A member roster was taken from the coach's office of Brightline Fitness between 15:15 and 17:10. The operation required authorized credentials. Five people had any plausible connection: Saoirse (athletic trainer), Indira (head coach), Bao (assistant coach), Aleksandr (rookie player), Elara (star player).

Q Who took the member roster?

1. The coach's office is normally accessed only via facility badge, and Indira's locker code was used at 15:15.
2. Indira claims to have been out for a long break during the window. No supporting evidence has been provided.
3. The theft required authorized credentials – only Elara and Indira have this among the five.
4. Aleksandr was documented by the facility camera in a different building during the window.
5. Saoirse was at a scheduled external meeting during the window.
6. Bao was at the front desk the entire window during the window.
7. Aleksandr's locker code was not used at any point during the window.

CASE 06

A referee's notebook was taken from the coach's office of Aldermarsh Arena between 16:20 and 19:15. The operation required authorized credentials. Five people had any plausible connection: Noor (facilities manager), Darya (equipment manager), Ines (team captain), Nizar (athletic trainer), Kasper (rookie player).

Q Who took the referee's notebook?

1. Darya's equipment sign-out confirms they were at the off-site location from 16:20 to 19:15.
2. Nizar claims to have been offsite for a personal errand during the window. No supporting evidence has been provided.
3. Ines was at a scheduled external meeting during the window.
4. The theft required authorized credentials – only Darya and Nizar have this among the five.
5. Noor was documented by the time-clock record in a different building during the window.
6. Kasper was documented by the badge log in a different building during the window.
7. The coach's office is normally accessed only via facility badge, and Nizar's facility badge was used at 16:20.

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CASE 07

A custom engine part was taken from the employee locker area of Saint-Clair Machining between 13:15 and 15:30. The operation required certifications. Five people had any plausible connection: Lana (parts clerk), Cyrus (electrician), Nadia (painter), Joaquín (welder), Kasimir (quality inspector).

Q Who took the custom engine part?

1. The theft required required certifications – only Cyrus and Lana have this among the five.
2. Lana's door sensor confirms they were at the remote facility from 13:15 to 15:30.
3. Nadia was documented by the time-clock log in a different building during the window.
4. Nadia's shop key was not used at any point during the window.
5. The employee locker area is normally accessed only via parts-room code, and Cyrus's shop key was used at 13:15.
6. Joaquín was at a scheduled training course during the window.
7. Kasimir was documented by the parts-room audit in a different building during the window.
8. Cyrus claims to have been offsite for a personal errand during the window. No supporting evidence has been provided.

CASE 08

A prototype compound was swapped from the sample storage of Caelum Labs between 16:10 and 19:30. The operation required expert knowledge of the system. Five people had any plausible connection: Odell (undergraduate volunteer), Polina (graduate student), Ula (operations manager), Bjorn (visiting scientist), Mauro (safety officer).

Q Who swapped the prototype compound?

1. Mauro's sample log confirms they were at the remote facility from 16:10 to 19:30.
2. Polina claims to have been offsite for a personal errand during the window. No supporting evidence has been provided.
3. The sample tampering required expert knowledge of the system – only Polina and Mauro have this among the five.
4. The sample storage is normally accessed only via biohazard clearance, and Polina's clean-room access was used at 16:10.
5. Ula was documented by the clean-room entry log in a different building during the window.
6. Ula's lab badge was not used at any point during the window.

CASE 09

A grading book was taken from the exam preparation room of Northgate Academy between 15:30 and 17:30. The operation required specialized access privileges. Five people had any plausible connection: Gisela (school counselor), Akira (janitor), Cedric (coach), Pavel (student council president), Kenji (department head).

Q Who took the grading book?

1. Gisela was at a scheduled external meeting during the window.
2. Pavel was at the front desk the entire window during the window.
3. Cedric's attendance log confirms they were at the external office from 15:30 to 17:30.
4. The exam preparation room is normally accessed only via records-room badge, and Akira's staff key was used at 15:30.
5. Kenji was at a scheduled conference call during the window.
6. The theft required specialized access privileges – only Cedric and Akira have this among the five.
7. Akira claims to have been working alone in their office during the window. No supporting evidence has been provided.

Answer Key – Deduction Mysteries

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

Case 01 C) Lior

- ☒ The theft required specialized access privileges.
 - ☒ Amelia lacks the required skill – cleared.
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Case 02 E) Phaedra

- ☒ The theft required required certifications.
 - ☒ Oren lacks the required skill – cleared.
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Case 03 C) Ramona

- ☒ The theft required authorized credentials.
 - ☒ Octavia lacks the required skill – cleared.
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Case 04 B) Rosalind

- ☒ The theft required technical training.
 - ☒ Jules lacks the required skill – cleared.
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Case 05 B) Indira

- ☒ The theft required authorized credentials.
 - ☒ Saoirse lacks the required skill – cleared.
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Case 06 C) Nizar

- ☒ The theft required authorized credentials.
 - ☒ Noor lacks the required skill – cleared.
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Case 07 D) Cyrus

- ☒ The theft required required certifications.
 - ☒ Nadia lacks the required skill – cleared.
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Case 08 D) Polina

- ☒ The sample tampering required expert knowledge of the system.
 - ☒ Odell lacks the required skill – cleared.
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Case 09 C) Akira

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