

Deduction Mysteries

CASE 01

An annotated copy was taken from the periodicals room of Helix Reading Room between 13:00 and 15:00. The operation required expert knowledge of the system. Five people had any plausible connection: Nikolai (archivist), Priya (reference librarian), Enzo (visiting scholar), Akhil (rare-books curator), Eira (custodian).

Q Who took the annotated copy?

1. The periodicals room is normally accessed only via archive badge, and Akhil's archive badge was used at 13:00.
2. Nikolai's badge swipe confirms they were at the external office from 13:00 to 15:00.
3. Priya's staff key was not used at any point during the window.
4. The theft required expert knowledge of the system – only Akhil and Nikolai have this among the five.
5. Akhil claims to have been out for a long break during the window. No supporting evidence has been provided.
6. Priya was documented by the book-checkout record in a different building during the window.
7. Enzo was documented by the badge swipe in a different building during the window.

CASE 02

A controlled medication was taken from the operating theater of Saint-Clair Hospital between 13:20 and 16:10. The operation required authorized credentials. Five people had any plausible connection: Polina (social worker), Hiroshi (attending physician), Bjorn (volunteer), Leander (security officer), Xiomara (medical resident).

Q Who took the controlled medication?

1. Bjorn's pharmacy CCTV confirms they were at the external office from 13:20 to 16:10.
2. Hiroshi claims to have been working alone in their office during the window. No supporting evidence has been provided.
3. Xiomara was at a scheduled training course during the window.
4. Leander was at a scheduled training course during the window.
5. The theft required authorized credentials – only Bjorn and Hiroshi have this among the five.
6. The operating theater is normally accessed only via administrator code, and Hiroshi's pharmacy key was used at 13:20.
7. Polina was at the front desk the entire window during the window.

CASE 03

A signed manuscript was taken from the storage basement of Helix Modern Art between 14:10 and 17:15. The operation required authorized credentials. Five people had any plausible connection: Faye (security guard), Marisol (janitor), Lior (curator), Akira (archivist), Esme (exhibition designer).

Q Who took the signed manuscript?

1. Esme was at a scheduled external meeting during the window.
2. Faye was at a scheduled external meeting during the window.
3. The storage basement is normally accessed only via keycard, and Lior's vault combination was used at 14:10.
4. Akira's elevator log confirms they were at the off-site location from 14:10 to 17:15.
5. Marisol was documented by the security camera in a different building during the window.
6. Marisol's master key was not used at any point during the window.
7. The theft required authorized credentials – only Lior and Akira have this among the five.

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CASE 04

An expensive welding rod was taken from the employee locker area of Saint-Clair Machining between 16:15 and 18:00. The operation required authorized credentials. Five people had any plausible connection: Ronan (welder), Sora (quality inspector), Caelan (machinist), Priya (electrician), Tatum (apprentice).

Q Who took the expensive welding rod?

1. Priya was at a scheduled external meeting during the window.
2. The theft required authorized credentials – only Sora and Tatum have this among the five.
3. Caelan was at a scheduled training course during the window.
4. Sora claims to have been out for a long break during the window. No supporting evidence has been provided.
5. The employee locker area is normally accessed only via shop key, and Sora's tool-crib key was used at 16:15.
6. Tatum's witness coworker confirms they were at the external office from 16:15 to 18:00.
7. Ronan was documented by the parts-room audit in a different building during the window.

CASE 05

The student transcripts were taken from the library archive of Northgate Academy between 16:20 and 18:45. The operation required specialized access privileges. Five people had any plausible connection: Kasimir (secretary), Xiomara (coach), Aurora (janitor), Kiran (principal), Yusuf (teacher).

Q Who took the student transcripts?

1. Xiomara's hallway camera confirms they were at the remote facility from 16:20 to 18:45.
2. Aurora was documented by the printer log in a different building during the window.
3. Kiran was documented by the door sensor in a different building during the window.
4. The theft required specialized access privileges – only Xiomara and Kasimir have this among the five.
5. Yusuf was at a scheduled external meeting during the window.
6. Yusuf's master key was not used at any point during the window.
7. The library archive is normally accessed only via combination, and Kasimir's combination was used at 16:20.

CASE 06

An exam answer key was taken from the library archive of Hawthorne Day School between 15:40 and 18:10. The operation required required certifications. Five people had any plausible connection: Noor (librarian), Theo (teacher), Rosalind (janitor), Zara (substitute teacher), Hakim (student council president).

Q Who took the exam answer key?

1. Theo claims to have been out for a long break during the window. No supporting evidence has been provided.
2. Rosalind's attendance log confirms they were at the off-site location from 15:40 to 18:10.
3. Noor's combination was not used at any point during the window.
4. The library archive is normally accessed only via master key, and Theo's records-room badge was used at 15:40.
5. The theft required required certifications – only Rosalind and Theo have this among the five.
6. Hakim was at the front desk the entire window during the window.
7. Noor was at the front desk the entire window during the window.

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CASE 07

An archive password log was taken from the periodicals room of Helix Reading Room between 16:40 and 18:30. The operation required authorized credentials. Five people had any plausible connection: Ula (archivist), Alejandro (volunteer), Selene (rare-books curator), Galina (research assistant), Yara (custodian).

Q Who took the archive password log?

1. Yara claims to have been working alone in their office during the window. No supporting evidence has been provided.
2. Galina was at the external facility the entire window during the window.
3. Ula was at the front desk the entire window during the window.
4. Alejandro's book-checkout record confirms they were at the external office from 16:40 to 18:30.
5. Selene's archive badge was not used at any point during the window.
6. The periodicals room is normally accessed only via reading-room pass, and Yara's vault key was used at 16:40.
7. Selene was documented by the archive log in a different building during the window.

CASE 08

A member roster was taken from the equipment shed of Pemberton Stadium between 13:15 and 16:30. The operation required specialized access privileges. Five people had any plausible connection: Kasper (athletic trainer), Dimitri (head coach), Daphne (team captain), Ginevra (star player), Meriel (assistant coach).

Q Who took the member roster?

1. Kasper was at the main office the entire window during the window.
2. The equipment shed is normally accessed only via locker code, and Daphne's team key was used at 13:15.
3. Ginevra was documented by the witness teammate in a different building during the window.
4. Meriel was at a scheduled external meeting during the window.
5. The theft required specialized access privileges – only Dimitri and Daphne have this among the five.
6. Dimitri's facility camera confirms they were at the external office from 13:15 to 16:30.
7. Daphne claims to have been working alone in their office during the window. No supporting evidence has been provided.

CASE 09

A controlled medication was taken from the blood bank of Pemberton Medical between 13:15 and 15:00. The operation required required certifications. Five people had any plausible connection: Dario (volunteer), Anastasia (head nurse), Adrian (attending physician), Mahdi (administrator), Darya (security officer).

Q Who took the controlled medication?

1. Anastasia was at a scheduled conference call during the window.
2. Darya's witness staff confirms they were at the remote facility from 13:15 to 15:00.
3. Dario claims to have been offsite for a personal errand during the window. No supporting evidence has been provided.
4. The theft required required certifications – only Darya and Dario have this among the five.
5. Adrian was at a scheduled external meeting during the window.
6. The blood bank is normally accessed only via restricted-wing access, and Dario's pharmacy key was used at 13:15.
7. Mahdi was documented by the elevator log in a different building during the window.

Answer Key – Deduction Mysteries

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

Case 01 B) Akhil

- ☒ The theft required expert knowledge of the system.
 - ☒ Priya lacks the required skill – cleared.
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Case 02 E) Hiroshi

- ☒ The theft required authorized credentials.
 - ☒ Polina lacks the required skill – cleared.
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Case 03 A) Lior

- ☒ The theft required authorized credentials.
 - ☒ Faye lacks the required skill – cleared.
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Case 04 E) Sora

- ☒ The theft required authorized credentials.
 - ☒ Ronan lacks the required skill – cleared.
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Case 05 B) Kasimir

- ☒ The theft required specialized access privileges.
 - ☒ Aurora lacks the required skill – cleared.
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Case 06 E) Theo

- ☒ The theft required required certifications.
 - ☒ Noor lacks the required skill – cleared.
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Case 07 E) Yara

- ☒ The theft required authorized credentials.
 - ☒ Ula lacks the required skill – cleared.
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Case 08 E) Daphne

- ☒ The theft required specialized access privileges.
 - ☒ Kasper lacks the required skill – cleared.
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Case 09 B) Dario

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