

Deduction Mysteries

CASE 01

A championship ring was taken from the training facility of Pemberton Stadium between 13:10 and 16:15. The operation required expert knowledge of the system. Five people had any plausible connection: Kalinda (referee), Oren (star player), Nadia (athletic trainer), Akhil (team statistician), Rhys (head coach).

Q Who took the championship ring?

1. Nadia was at a scheduled conference call during the window.
 2. Kalinda was at the external facility the entire window during the window.
 3. Akhil's badge log confirms they were at the off-site location from 13:10 to 16:15.
 4. Oren was documented by the locker-room sensor in a different building during the window.
 5. The theft required expert knowledge of the system – only Rhys and Akhil have this among the five.
 6. Rhys claims to have been out for a long break during the window. No supporting evidence has been provided.
 7. The training facility is normally accessed only via locker code, and Rhys's equipment-room key was used at 13:10.
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CASE 02

A machine shop key set was taken from the engine assembly area of Northgate Workshop between 15:40 and 18:00. The operation required authorized credentials. Five people had any plausible connection: Helena (electrician), Isolde (quality inspector), Octavia (painter), Alejandro (parts clerk), Mahdi (apprentice).

Q Who took the machine shop key set?

1. Alejandro's door sensor confirms they were at the remote facility from 15:40 to 18:00.
 2. Octavia's parts-room code was not used at any point during the window.
 3. The engine assembly area is normally accessed only via shop key, and Mahdi's shop key was used at 15:40.
 4. Helena was at the front desk the entire window during the window.
 5. The theft required authorized credentials – only Alejandro and Mahdi have this among the five.
 6. Octavia was documented by the shop camera in a different building during the window.
 7. Isolde was at a scheduled external meeting during the window.
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CASE 03

The master plans were taken from the paint booth of Pemberton Repair between 16:40 and 18:00. The operation required required certifications. Five people had any plausible connection: Yvonne (quality inspector), Vera (welder), Tess (shop manager), Akira (parts clerk), Theo (machinist).

Q Who took the master plans?

1. Vera claims to have been out for a long break during the window. No supporting evidence has been provided.
2. The paint booth is normally accessed only via tool-crib key, and Vera's shop key was used at 16:40.
3. Tess was at a scheduled training course during the window.
4. Yvonne's tool-crib key was not used at any point during the window.
5. Theo was at a scheduled conference call during the window.
6. Yvonne was documented by the parts-room audit in a different building during the window.
7. The theft required required certifications – only Vera and Akira have this among the five.
8. Akira's shop camera confirms they were at the remote facility from 16:40 to 18:00.

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CASE 04

A staff payroll list was taken from the principal's office of Pemberton School between 15:20 and 18:10. The operation required expert knowledge of the system. Five people had any plausible connection: Gisela (librarian), Akira (substitute teacher), Jacinta (teacher), Bram (secretary), Vidal (janitor).

Q Who took the staff payroll list?

1. Bram was at a scheduled conference call during the window.
2. Gisela was at the external facility the entire window during the window.
3. The principal's office is normally accessed only via master key, and Vidal's master key was used at 15:20.
4. Akira's printer log confirms they were at the off-site location from 15:20 to 18:10.
5. Vidal claims to have been offsite for a personal errand during the window. No supporting evidence has been provided.
6. The theft required expert knowledge of the system – only Vidal and Akira have this among the five.
7. Jacinta was documented by the hallway camera in a different building during the window.

CASE 05

A jade figurine was taken from the second-floor gallery of Brookfield Art Institute between 16:45 and 19:30. The operation required specialized access privileges. Five people had any plausible connection: Kasimir (security guard), Lior (gift shop manager), Dario (janitor), Suri (docent), Lana (art restorer).

Q Who took the jade figurine?

1. The second-floor gallery is normally accessed only via keycard, and Suri's master key was used at 16:45.
2. Kasimir was at the front desk the entire window during the window.
3. The theft required specialized access privileges – only Lana and Suri have this among the five.
4. Lana's elevator log confirms they were at the remote facility from 16:45 to 19:30.
5. Dario was at the external facility the entire window during the window.
6. Suri claims to have been out for a long break during the window. No supporting evidence has been provided.
7. Lior was at a scheduled external meeting during the window.

CASE 06

A sports trophy was taken from the library archive of Cedarvale High between 13:20 and 15:30. The operation required technical training. Five people had any plausible connection: Omari (coach), Caelan (school counselor), Vidal (principal), Bao (secretary), Xiomara (librarian).

Q Who took the sports trophy?

1. Caelan was documented by the hallway camera in a different building during the window.
2. Xiomara claims to have been out for a long break during the window. No supporting evidence has been provided.
3. Vidal was documented by the attendance log in a different building during the window.
4. The theft required technical training – only Xiomara and Bao have this among the five.
5. The library archive is normally accessed only via records-room badge, and Xiomara's keypad code was used at 13:20.
6. Omari was at the main office the entire window during the window.
7. Bao's keycard log confirms they were at the off-site location from 13:20 to 15:30.

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CASE 07

An original script was taken from the sound booth of Saint-Clair Playhouse between 14:20 and 17:00. The operation required required certifications. Five people had any plausible connection: Katarina (stagehand), Tess (prop master), Kenji (director), Stellan (musical director), Hattie (stage manager).

Q Who took the original script?

1. Katarina was at a scheduled external meeting during the window.
2. The theft required required certifications – only Stellan and Tess have this among the five.
3. Kenji was documented by the box-office system in a different building during the window.
4. Hattie was at the front desk the entire window during the window.
5. Stellan's witness crew member confirms they were at the remote facility from 14:20 to 17:00.
6. Kenji's prop-room code was not used at any point during the window.
7. The sound booth is normally accessed only via director's key, and Tess's box-office key was used at 14:20.
8. Tess claims to have been out for a long break during the window. No supporting evidence has been provided.

CASE 08

A laptop was taken from the faculty lounge of Hawthorne Day School between 16:10 and 19:45. The operation required authorized credentials. Five people had any plausible connection: Mateo (student council president), Mahdi (department head), Damaris (principal), Enzo (substitute teacher), Sora (secretary).

Q Who took the laptop?

1. Enzo was at a scheduled training course during the window.
2. The theft required authorized credentials – only Damaris and Mahdi have this among the five.
3. Mateo was at the front desk the entire window during the window.
4. Sora was at a scheduled conference call during the window.
5. The faculty lounge is normally accessed only via records-room badge, and Mahdi's records-room badge was used at 16:10.
6. Damaris's witness statement confirms they were at the off-site location from 16:10 to 19:45.
7. Mahdi claims to have been working alone in their office during the window. No supporting evidence has been provided.

CASE 09

A principal's personal file was taken from the computer lab of Brierfield Prep between 13:40 and 15:10. The operation required required certifications. Five people had any plausible connection: Bjorn (teacher), Lucia (coach), Lana (librarian), Alessio (school counselor), Aiko (substitute teacher).

Q Who took the principal's personal file?

1. Bjorn was at a scheduled external meeting during the window.
2. The computer lab is normally accessed only via keypad code, and Alessio's master key was used at 13:40.
3. Lucia was documented by the hallway camera in a different building during the window.
4. Aiko was at the front desk the entire window during the window.
5. The theft required required certifications – only Alessio and Lana have this among the five.
6. Alessio claims to have been working alone in their office during the window. No supporting evidence has been provided.
7. Lana's hallway camera confirms they were at the off-site location from 13:40 to 15:10.

Answer Key – Deduction Mysteries

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

Case 01 A) Rhys

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

- ☒ The theft required authorized credentials.
 - ☒ Helena lacks the required skill – cleared.
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Case 03 D) Vera

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

- ☒ The theft required expert knowledge of the system.
 - ☒ Gisela lacks the required skill – cleared.
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Case 05 C) Suri

- ☒ The theft required specialized access privileges.
 - ☒ Kasimir lacks the required skill – cleared.
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Case 06 A) Xiomara

- ☒ The theft required technical training.
 - ☒ Omari lacks the required skill – cleared.
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Case 07 A) Tess

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

- ☒ The theft required authorized credentials.
 - ☒ Mateo lacks the required skill – cleared.
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Case 09 B) Alessio

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