

Deduction Mysteries

CASE 01

The sealed wills were taken from the staff break room of Saint-Clair Historical Society between 14:20 and 16:00. The operation required expert knowledge of the system. Five people had any plausible connection: Aaliyah (security officer), Gemma (head archivist), Yvonne (conservation specialist), Vera (researcher), Thora (volunteer).

Q Who took the sealed wills?

1. Vera was at the main office the entire window during the window.
2. The theft required expert knowledge of the system – only Aaliyah and Thora have this among the five.
3. Yvonne was documented by the camera footage in a different building during the window.
4. Gemma was documented by the camera footage in a different building during the window.
5. Thora's reading-room sign-in confirms they were at the off-site location from 14:20 to 16:00.
6. Aaliyah claims to have been out for a long break during the window. No supporting evidence has been provided.
7. The staff break room is normally accessed only via admin code, and Aaliyah's research-room pass was used at 14:20.

CASE 02

A cell culture was swapped from the autoclave room of Brightline Sciences between 16:20 and 18:45. The operation required authorized credentials. Five people had any plausible connection: Cedric (visiting scientist), Dimah (graduate student), Aaliyah (postdoctoral researcher), Fariha (lab technician), Zephyr (principal investigator).

Q Who swapped the cell culture?

1. Fariha was at a scheduled external meeting during the window.
2. Zephyr's sample log confirms they were at the off-site location from 16:20 to 18:45.
3. Cedric was at a scheduled training course during the window.
4. Fariha's freezer key was not used at any point during the window.
5. The autoclave room is normally accessed only via lab badge, and Aaliyah's biohazard clearance was used at 16:20.
6. Aaliyah claims to have been out for a long break during the window. No supporting evidence has been provided.
7. Dimah was documented by the freezer access log in a different building during the window.

CASE 03

A donor list was taken from the reference desk of Pemberton Research Library between 16:15 and 18:45. The operation required technical training. Five people had any plausible connection: Elara (rare-books curator), Cyrus (intern), Cedric (cataloger), Octavia (archivist), Esme (research assistant).

Q Who took the donor list?

1. Esme claims to have been working alone in their office during the window. No supporting evidence has been provided.
2. Elara was documented by the badge swipe in a different building during the window.
3. Cedric was documented by the security camera in a different building during the window.
4. Elara's archive badge was not used at any point during the window.
5. Cyrus's book-checkout record confirms they were at the remote facility from 16:15 to 18:45.
6. Octavia was documented by the witness patron in a different building during the window.
7. The reference desk is normally accessed only via staff key, and Esme's staff key was used at 16:15.

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CASE 04

A principal's personal file was taken from the computer lab of Aldermarsh High between 15:40 and 17:15. The operation required authorized credentials. Five people had any plausible connection: Olive (teacher), Gunnar (principal), Kai (janitor), Darya (coach), Kalisa (school counselor).

Q Who took the principal's personal file?

1. Kai's door sensor confirms they were at the remote facility from 15:40 to 17:15.
2. The theft required authorized credentials – only Kalisa and Kai have this among the five.
3. Gunnar was at the main office the entire window during the window.
4. Olive was at a scheduled external meeting during the window.
5. Gunnar's combination was not used at any point during the window.
6. Darya was at the front desk the entire window during the window.
7. Kalisa claims to have been offsite for a personal errand during the window. No supporting evidence has been provided.
8. The computer lab is normally accessed only via master key, and Kalisa's master key was used at 15:40.

CASE 05

A signature dish recipe was taken from the dishwashing bay of Pemberton Tavern between 14:40 and 17:15. The operation required required certifications. Five people had any plausible connection: Aleksandr (bartender), Vidal (pastry chef), Magnus (head chef), Roksana (host), Kasper (dishwasher).

Q Who took the signature dish recipe?

1. The dishwashing bay is normally accessed only via manager key, and Roksana's master key was used at 14:40.
2. Roksana claims to have been offsite for a personal errand during the window. No supporting evidence has been provided.
3. Vidal was documented by the reservation system in a different building during the window.
4. Aleksandr's POS log confirms they were at the remote facility from 14:40 to 17:15.
5. The theft required required certifications – only Roksana and Aleksandr have this among the five.
6. Kasper was documented by the kitchen camera in a different building during the window.
7. Magnus was at a scheduled training course during the window.

CASE 06

A laptop was taken from the principal's office of Westbrook Academy between 15:30 and 17:15. The operation required required certifications. Five people had any plausible connection: Darya (department head), Meriel (student council president), Alessio (janitor), Amelia (coach), Joren (school counselor).

Q Who took the laptop?

1. Darya was documented by the witness statement in a different building during the window.
2. Meriel's attendance log confirms they were at the remote facility from 15:30 to 17:15.
3. Joren's keypad code was not used at any point during the window.
4. Joren was at a scheduled external meeting during the window.
5. Alessio was documented by the door sensor in a different building during the window.
6. The principal's office is normally accessed only via records-room badge, and Amelia's keypad code was used at 15:30.
7. Amelia claims to have been offsite for a personal errand during the window. No supporting evidence has been provided.

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CASE 07

The client's car keys were taken from the customer pickup bay of Northgate Workshop between 13:00 and 16:00. The operation required authorized credentials. Five people had any plausible connection: Cyrus (customer service rep), Kasimir (shop manager), Phaedra (master mechanic), Sami (quality inspector), Eitan (apprentice).

Q Who took the client's car keys?

1. Sami's manager key was not used at any point during the window.
2. The customer pickup bay is normally accessed only via shop key, and Phaedra's parts-room code was used at 13:00.
3. The theft required authorized credentials – only Phaedra and Eitan have this among the five.
4. Eitan's witness coworker confirms they were at the remote facility from 13:00 to 16:00.
5. Kasimir was at the external facility the entire window during the window.
6. Cyrus was documented by the shop camera in a different building during the window.
7. Sami was at the front desk the entire window during the window.
8. Phaedra claims to have been out for a long break during the window. No supporting evidence has been provided.

CASE 08

An enzyme batch was swapped from the equipment closet of Solstice Research between 15:10 and 18:30. The operation required expert knowledge of the system. Five people had any plausible connection: Enzo (postdoctoral researcher), Frida (visiting scientist), Jacinta (equipment manager), Lucia (lab technician), Aurora (principal investigator).

Q Who swapped the enzyme batch?

1. Frida's freezer key was not used at any point during the window.
2. Jacinta was at a scheduled external meeting during the window.
3. The equipment closet is normally accessed only via biohazard clearance, and Enzo's biohazard clearance was used at 15:10.
4. Frida was at a scheduled external meeting during the window.
5. Aurora was at a scheduled training course during the window.
6. Lucia's sample log confirms they were at the off-site location from 15:10 to 18:30.
7. The sample tampering required expert knowledge of the system – only Enzo and Lucia have this among the five.

CASE 09

A Vermeer sketch was taken from the second-floor gallery of Whitmore Museum between 16:30 and 18:10. The operation required expert knowledge of the system. Five people had any plausible connection: Polina (tour guide), Klaus (archivist), Selene (art restorer), Beatrix (janitor), Fenella (curator).

Q Who took the Vermeer sketch?

1. Beatrix was at a scheduled external meeting during the window.
2. Klaus's motion sensor confirms they were at the external office from 16:30 to 18:10.
3. Fenella claims to have been working alone in their office during the window. No supporting evidence has been provided.
4. The second-floor gallery is normally accessed only via master key, and Fenella's vault combination was used at 16:30.
5. Polina was documented by the badge swipe log in a different building during the window.
6. The theft required expert knowledge of the system – only Fenella and Klaus have this among the five.
7. Selene was at a scheduled training course during the window.

Answer Key – Deduction Mysteries

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

Case 01 A) Aaliyah

- ☒ The theft required expert knowledge of the system.
 - ☒ Gemma lacks the required skill – cleared.
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Case 02 B) Aaliyah

- ☒ The sample tampering required authorized credentials.
 - ☒ Cedric lacks the required skill – cleared.
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Case 03 B) Esme

- ☒ The theft required technical training.
 - ☒ Elara lacks the required skill – cleared.
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Case 04 D) Kalisa

- ☒ The theft required authorized credentials.
 - ☒ Olive lacks the required skill – cleared.
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Case 05 D) Roksana

- ☒ The theft required required certifications.
 - ☒ Vidal lacks the required skill – cleared.
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Case 06 C) Amelia

- ☒ The theft required required certifications.
 - ☒ Darya lacks the required skill – cleared.
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Case 07 D) Phaedra

- ☒ The theft required authorized credentials.
 - ☒ Cyrus lacks the required skill – cleared.
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Case 08 A) Enzo

- ☒ The sample tampering required expert knowledge of the system.
 - ☒ Frida lacks the required skill – cleared.
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Case 09 E) Fenella

- ☒ The theft required expert knowledge of the system.
 - ☒ Polina lacks the required skill – cleared.
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