

Deduction Mysteries

CASE 01

An Etruscan pendant was taken from the second-floor gallery of Argent Gallery between 13:10 and 15:00. The operation required expert knowledge of the system. Five people had any plausible connection: Akira (tour guide), Simeon (docent), Tarek (exhibition designer), Bayan (art restorer), Beatrix (security guard).

Q Who took the Etruscan pendant?

1. Akira claims to have been offsite for a personal errand during the window. No supporting evidence has been provided.
 2. The second-floor gallery is normally accessed only via security badge, and Akira's master key was used at 13:10.
 3. The theft required expert knowledge of the system – only Simeon and Akira have this among the five.
 4. Tarek's keycard was not used at any point during the window.
 5. Tarek was documented by the security camera in a different building during the window.
 6. Simeon's security camera confirms they were at the external office from 13:10 to 15:00.
 7. Bayan was documented by the witness testimony in a different building during the window.
-

CASE 02

A prototype compound was swapped from the sample storage of Brightline Sciences between 15:00 and 17:10. The operation required technical training. Five people had any plausible connection: Rhys (graduate student), Frida (principal investigator), Damaris (postdoctoral researcher), Alessio (safety officer), Zephyr (clinical coordinator).

Q Who swapped the prototype compound?

1. Zephyr's sample log confirms they were at the remote facility from 15:00 to 17:10.
 2. Damaris was documented by the freezer access log in a different building during the window.
 3. Alessio was at a scheduled external meeting during the window.
 4. Alessio's clean-room access was not used at any point during the window.
 5. The sample tampering required technical training – only Frida and Zephyr have this among the five.
 6. The sample storage is normally accessed only via clean-room access, and Frida's biohazard clearance was used at 15:00.
 7. Frida claims to have been out for a long break during the window. No supporting evidence has been provided.
-

CASE 03

A sealed contract was taken from the filing cabinet of Velocity Labs between 13:15 and 15:10. The operation required authorized credentials. Five people had any plausible connection: Zoltan (intern), Helena (legal counsel), Mikael (IT administrator), Gunnar (senior engineer), Priya (records clerk).

Q Who took the sealed contract?

1. Gunnar's door access record confirms they were at the external office from 13:15 to 15:10.
2. Helena was at the main office the entire window during the window.
3. Mikael was at a scheduled training course during the window.
4. The corporate theft required authorized credentials – only Zoltan and Gunnar have this among the five.
5. The filing cabinet is normally accessed only via VPN access, and Zoltan's document-room code was used at 13:15.
6. Zoltan claims to have been out for a long break during the window. No supporting evidence has been provided.

Deduction Mysteries

CASE 04

A signed manuscript was taken from the curator office of Aldermarsh Library between 14:40 and 17:10. The operation required expert knowledge of the system. Five people had any plausible connection: Mei (archivist), Tariq (volunteer), Mahdi (research assistant), Meriel (custodian), Akhil (cataloger).

Q Who took the signed manuscript?

1. Mahdi was at the main office the entire window during the window.
2. The curator office is normally accessed only via reading-room pass, and Meriel's archive badge was used at 14:40.
3. Tariq's archive log confirms they were at the off-site location from 14:40 to 17:10.
4. Akhil's archive badge was not used at any point during the window.
5. The theft required expert knowledge of the system – only Tariq and Meriel have this among the five.
6. Akhil was documented by the archive log in a different building during the window.
7. Mei was documented by the badge swipe in a different building during the window.
8. Meriel claims to have been out for a long break during the window. No supporting evidence has been provided.

CASE 05

A sports trophy was taken from the staff bathroom of Brierfield Prep between 15:20 and 17:00. The operation required authorized credentials. Five people had any plausible connection: Cassia (teacher), Kalinda (coach), Yusuf (department head), Nikolai (secretary), Akhil (student council president).

Q Who took the sports trophy?

1. The staff bathroom is normally accessed only via records-room badge, and Nikolai's combination was used at 15:20.
2. Cassia was at the external facility the entire window during the window.
3. The theft required authorized credentials – only Akhil and Nikolai have this among the five.
4. Nikolai claims to have been out for a long break during the window. No supporting evidence has been provided.
5. Yusuf was documented by the witness statement in a different building during the window.
6. Akhil's printer log confirms they were at the external office from 15:20 to 17:00.
7. Kalinda was documented by the door sensor in a different building during the window.

CASE 06

A signed binary release was extracted from the data archive of Velocity Networks between 15:45 and 18:45. The operation required expert knowledge of the system. Five people had any plausible connection: Iolanthe (product manager), Isolde (security analyst), Gunnar (data scientist), Stellan (support lead), Quentin (CTO).

Q Who extracted the signed binary release?

1. Stellan was at a scheduled training course during the window.
2. Stellan's admin token was not used at any point during the window.
3. Isolde was documented by the SSH authentication log in a different building during the window.
4. Gunnar claims to have been working alone in their office during the window. No supporting evidence has been provided.
5. The data archive is normally accessed only via admin token, and Gunnar's SSH key was used at 15:45.
6. The data theft required expert knowledge of the system – only Iolanthe and Gunnar have this among the five.
7. Iolanthe's witness colleague confirms they were at the off-site location from 15:45 to 18:45.

Deduction Mysteries

CASE 07

The quarterly financials were extracted from the network closet of Northgate Systems between 16:10 and 19:10. The operation required authorized credentials. Five people had any plausible connection: Alejandro (site-reliability engineer), Faye (support lead), Elara (DevOps lead), Dimah (CTO), Selene (security analyst).

Q Who extracted the quarterly financials?

1. Faye claims to have been out for a long break during the window. No supporting evidence has been provided.
2. Elara was at the front desk the entire window during the window.
3. Alejandro was at a scheduled training course during the window.
4. The network closet is normally accessed only via admin token, and Faye's badge was used at 16:10.
5. Dimah was documented by the witness colleague in a different building during the window.
6. Selene's CCTV camera confirms they were at the off-site location from 16:10 to 19:10.
7. The data theft required authorized credentials – only Selene and Faye have this among the five.

CASE 08

A customer credit-card list was extracted from the DevOps room of Brightline Software between 13:30 and 15:30. The operation required authorized credentials. Five people had any plausible connection: Bjorn (data scientist), Selene (contractor), Talia (senior engineer), Meriel (security analyst), Hiroshi (site-reliability engineer).

Q Who extracted the customer credit-card list?

1. The DevOps room is normally accessed only via VPN credentials, and Meriel's badge was used at 13:30.
2. The data theft required authorized credentials – only Meriel and Talia have this among the five.
3. Talia's CCTV camera confirms they were at the remote facility from 13:30 to 15:30.
4. Meriel claims to have been working alone in their office during the window. No supporting evidence has been provided.
5. Hiroshi was documented by the witness colleague in a different building during the window.
6. Selene was documented by the witness colleague in a different building during the window.
7. Bjorn was at a scheduled conference call during the window.

CASE 09

A formula draft was swapped from the glove box of Aldermarsh Laboratory between 15:00 and 17:10. The operation required authorized credentials. Five people had any plausible connection: Jules (visiting scientist), Gisela (graduate student), Florian (operations manager), Zara (principal investigator), Hiroshi (lab technician).

Q Who swapped the formula draft?

1. Gisela's freezer access log confirms they were at the external office from 15:00 to 17:10.
2. Zara was at a scheduled training course during the window.
3. Florian's biohazard clearance was not used at any point during the window.
4. Jules claims to have been offsite for a personal errand during the window. No supporting evidence has been provided.
5. The glove box is normally accessed only via lab badge, and Jules's biohazard clearance was used at 15:00.
6. Hiroshi was documented by the equipment timestamp in a different building during the window.
7. The sample tampering required authorized credentials – only Jules and Gisela have this among the five.

Answer Key – Deduction Mysteries

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

Case 01 B) Akira

- ☐ The theft required expert knowledge of the system.
 - ☐ Tarek lacks the required skill – cleared.
-

Case 02 E) Frida

- ☐ The sample tampering required technical training.
 - ☐ Rhys lacks the required skill – cleared.
-

Case 03 E) Zoltan

- ☐ The corporate theft required authorized credentials.
 - ☐ Helena lacks the required skill – cleared.
-

Case 04 C) Meriel

- ☐ The theft required expert knowledge of the system.
 - ☐ Mei lacks the required skill – cleared.
-

Case 05 D) Nikolai

- ☐ The theft required authorized credentials.
 - ☐ Cassia lacks the required skill – cleared.
-

Case 06 C) Gunnar

- ☐ The data theft required expert knowledge of the system.
 - ☐ Isolde lacks the required skill – cleared.
-

Case 07 D) Faye

- ☐ The data theft required authorized credentials.
 - ☐ Alejandro lacks the required skill – cleared.
-

Case 08 B) Meriel

- ☐ The data theft required authorized credentials.
 - ☐ Bjorn lacks the required skill – cleared.
-

Case 09 C) Jules

- ☐ The sample tampering required authorized credentials.
 - ☐ Florian lacks the required skill – cleared.
-