

## Deduction Mysteries

### CASE 01

A Vermeer sketch was taken from the private collection room of Argent Gallery during the overnight window between 20:30 and 22:30. Investigators have narrowed the field to 6 suspects: Roksana (security guard), Gemma (exhibition designer), Kiran (janitor), Alejandro (curator), Rhys (gift shop manager), Etienne (docent).

#### Q Who took the Vermeer sketch?

1. Etienne's motion sensor places them at a hospital visit from 20:30 to roughly 22:30.
2. The theft required encryption key generation. Only Roksana, Rhys, Etienne have it among the suspects.
3. Roksana has no verifiable account of their whereabouts after 20:30.
4. Gemma's security camera places them at a documented training session from 20:30 to roughly 22:30.
5. Alejandro's security camera places them at a remote conference from 20:30 to roughly 22:30.
6. Security badge access to the private collection room is restricted to Roksana, Gemma.
7. A discarded note near the scene briefly suggested Alejandro's involvement, but it was later traced to an unrelated incident.
8. Kiran's door sensor places them at a remote conference from 20:30 to roughly 22:30.
9. Roksana's security badge was activated at 20:30 at the private collection room.
- 10 Roksana had outstanding financial debt, well-documented in HR records.
- 11 Rhys's elevator log places them at a remote conference from 20:30 to roughly 22:30.

A) Etienne	B) Roksana	C) Gemma	D) Rhys	E) Alejandro	F) Kiran
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### CASE 02

A sealed contract was taken from the data center of Velocity Labs during the overnight window between 21:10 and 23:15. Investigators have narrowed the field to 6 suspects: Maeve (IT administrator), Hadley (HR director), Zoltan (intern), Noor (legal counsel), Jian (facilities coordinator), Ezra (executive assistant).

#### Q Who took the sealed contract?

1. A discarded note near the scene briefly suggested Maeve's involvement, but it was later traced to an unrelated incident.
2. Admin credentials access to the data center is restricted to Zoltan, Noor, Jian.
3. Noor's elevator log places them at a remote conference from 21:10 to roughly 23:15.
4. The corporate theft required encryption key generation. Only Zoltan, Maeve, Hadley have it among the suspects.
5. Zoltan had passed-over promotion, well-documented in HR records.
6. Maeve's VPN session log places them at a documented training session from 21:10 to roughly 23:15.
7. Ezra's elevator log places them at a public event with hundreds of attendees from 21:10 to roughly 23:15.
8. Jian's elevator log places them at a remote conference from 21:10 to roughly 23:15.
9. Zoltan's admin credentials was activated at 21:10 at the data center.
- 10 Hadley's elevator log places them at a public event with hundreds of attendees from 21:10 to roughly 23:15.
- 11 Zoltan has no verifiable account of their whereabouts after 21:10.

## Deduction Mysteries

### CASE 03

A rare ingredient was taken from the dining floor of Aldermarsh Bistro during the overnight window between 19:45 and 21:45. Investigators have narrowed the field to 5 suspects: Mira (sous chef), Kasimir (dishwasher), Sigrid (head chef), Alejandro (bartender), Finnegan (host).

#### Q Who took the rare ingredient?

1. Mira has no verifiable account of their whereabouts after 19:45.
2. Mira had passed-over promotion, well-documented in HR records.
3. Alejandro's kitchen camera places them at an offsite location from 19:45 to roughly 21:45.
4. A discarded note near the scene briefly suggested Alejandro's involvement, but it was later traced to an unrelated incident.
5. Mira's master key was activated at 19:45 at the dining floor.
6. Finnegan's kitchen camera places them at a remote conference from 19:45 to roughly 21:45.
7. The theft required social-engineering skill. Only Mira, Finnegan, Sigrid have it among the suspects.
8. Master key access to the dining floor is restricted to Mira, Finnegan.
9. Kasimir's witness server places them at an offsite location from 19:45 to roughly 21:45.
- 10 Sigrid's time-clock record places them at a remote conference from 19:45 to roughly 21:45.

A) Finnegan	B) Sigrid	C) Mira	D) Alejandro	E) Kasimir
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### CASE 04

The hospital ID badges were taken from the administrator office of Brierfield Hospital during the overnight window between 20:30 and 22:30. Investigators have narrowed the field to 6 suspects: Anastasia (head nurse), Rhys (attending physician), Mei (technician), Bayan (janitor), Mira (administrator), Cosima (security officer).

#### Q Who took the hospital ID badges?

1. Bayan's badge log places them at a public event with hundreds of attendees from 20:30 to roughly 22:30.
2. Anastasia's medication audit places them at an offsite location from 20:30 to roughly 22:30.
3. The theft required advanced lock-picking expertise. Only Bayan, Anastasia, Rhys have it among the suspects.
4. A discarded note near the scene briefly suggested Cosima's involvement, but it was later traced to an unrelated incident.
5. Mira's pharmacy CCTV places them at a remote conference from 20:30 to roughly 22:30.
6. Cosima's pharmacy CCTV places them at a documented training session from 20:30 to roughly 22:30.
7. Administrator code access to the administrator office is restricted to Rhys, Anastasia.
8. Rhys has no verifiable account of their whereabouts after 20:30.
9. Mei's badge log places them at an offsite location from 20:30 to roughly 22:30.
- 10 Rhys had recent disciplinary action, well-documented in HR records.
- 11 Rhys's administrator code was activated at 20:30 at the administrator office.

## Deduction Mysteries

### CASE 05

The production funds were taken from the rehearsal hall of The Aldermarsh Theatre during the overnight window between 20:15 and 22:00. Investigators have narrowed the field to 6 suspects: Akira (stage manager), Thora (director), Rhys (prop master), Eira (lead actor), Suri (box-office manager), Wilder (costume designer).

#### Q Who took the production funds?

1. Rhys's stage door camera places them at a documented training session from 20:15 to roughly 22:00.
2. Akira had a documented grievance, well-documented in HR records.
3. Eira's rehearsal sign-in places them at a documented training session from 20:15 to roughly 22:00.
4. Suri's dressing-room sign-in places them at a public event with hundreds of attendees from 20:15 to roughly 22:00.
5. Akira has no verifiable account of their whereabouts after 20:15.
6. The theft required firmware manipulation. Only Akira, Wilder, Suri have it among the suspects.
7. Wilder's stage door camera places them at a hospital visit from 20:15 to roughly 22:00.
8. Akira's prop-room code was activated at 20:15 at the rehearsal hall.
9. Prop-room code access to the rehearsal hall is restricted to Akira, Suri, Thora.
- 10 Thora's witness crew member places them at an offsite location from 20:15 to roughly 22:00.

A) Suri	B) Wilder	C) Akira	D) Eira	E) Rhys	F) Thora
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### CASE 06

A machine shop key set was taken from the tool crib of Helix Restoration during the overnight window between 21:00 and 23:45. Investigators have narrowed the field to 6 suspects: Vidal (painter), Ginevra (machinist), Bao (welder), Stellan (customer service rep), Diallo (quality inspector), Aaliyah (master mechanic).

#### Q Who took the machine shop key set?

1. Tool-crib key access to the tool crib is restricted to Bao, Diallo.
2. Diallo's parts-room audit places them at an offsite location from 21:00 to roughly 23:45.
3. Bao has no verifiable account of their whereabouts after 21:00.
4. Stellan's parts-room audit places them at an offsite location from 21:00 to roughly 23:45.
5. Aaliyah's time-clock log places them at a hospital visit from 21:00 to roughly 23:45.
6. Bao's tool-crib key was activated at 21:00 at the tool crib.
7. The theft required medical sedative protocols. Only Bao, Diallo, Aaliyah have it among the suspects.
8. Ginevra's time-clock log places them at a public event with hundreds of attendees from 21:00 to roughly 23:45.
9. Vidal's door sensor places them at a remote conference from 21:00 to roughly 23:45.
- 10 Bao had recent disciplinary action, well-documented in HR records.

A) Ginevra	B) Bao	C) Diallo	D) Stellan	E) Vidal	F) Aaliyah
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## Answer Key – Deduction Mysteries

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

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### Case 01    B)   Roksana

- ☒ The theft required encryption key generation, security badge, and a motivating reason.
  - ☒ Gemma lacks the required encryption key generation – cleared.
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### Case 02    D)   Zoltan

- ☒ The corporate theft required encryption key generation, admin credentials, and a motivating reason.
  - ☒ Maeve has the skill but no admin credentials – cleared.
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### Case 03    C)   Mira

- ☒ The theft required social-engineering skill, master key, and a motivating reason.
  - ☒ Kasimir lacks the required social-engineering skill – cleared.
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### Case 04    C)   Rhys

- ☒ The theft required advanced lock-picking expertise, administrator code, and a motivating reason.
  - ☒ Anastasia has skill and access but a verified alibi places them offsite – cleared.
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### Case 05    C)   Akira

- ☒ The theft required firmware manipulation, prop-room code, and a motivating reason.
  - ☒ Thora lacks the required firmware manipulation – cleared.
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### Case 06    B)   Bao

- ☒ The theft required medical sedative protocols, tool-crib key, and a motivating reason.
  - ☒ Vidal lacks the required medical sedative protocols – cleared.
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