

## Deduction Mysteries

### CASE 01

A strategy deck was taken from the CEO office of Atlas Group during the overnight window between 20:45 and 22:30. Investigators have narrowed the field to 5 suspects: Cyrus (facilities coordinator), Iolanthe (executive assistant), Damaris (CFO), Mira (records clerk), Quincy (IT administrator).

#### Q Who took the strategy deck?

1. Damaris's security badge log places them at a documented training session from 20:45 to roughly 22:30.
2. Mira has no verifiable account of their whereabouts after 20:45.
3. Cyrus's witness account places them at a remote conference from 20:45 to roughly 22:30.
4. Mira had a documented grievance, well-documented in HR records.
5. Admin credentials access to the CEO office is restricted to Mira, Cyrus, Iolanthe.
6. The corporate theft required advanced lock-picking expertise. Only Mira, Damaris, Iolanthe have it among the suspects.
7. Iolanthe's VPN session log places them at a remote conference from 20:45 to roughly 22:30.
8. Quincy's security badge log places them at a documented training session from 20:45 to roughly 22:30.
9. Mira's admin credentials was activated at 20:45 at the CEO office.
- 10 A discarded note near the scene briefly suggested Cyrus's involvement, but it was later traced to an unrelated incident.

A) Quincy	B) Damaris	C) Mira	D) Cyrus	E) Iolanthe
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### CASE 02

A formula draft was swapped from the sequencing room of Helix Bioresearch during the overnight window between 20:00 and 22:00. Investigators have narrowed the field to 6 suspects: Indira (lab technician), Fenella (postdoctoral researcher), Katarina (graduate student), Mateo (equipment manager), Quentin (safety officer), Darya (principal investigator).

#### Q Who swapped the formula draft?

1. Quentin has no verifiable account of their whereabouts after 20:00.
2. Fenella's witness sighting places them at a remote conference from 20:00 to roughly 22:00.
3. Indira's clean-room entry log places them at a documented training session from 20:00 to roughly 22:00.
4. Quentin's biohazard clearance was activated at 20:00 at the sequencing room.
5. Katarina's clean-room entry log places them at a remote conference from 20:00 to roughly 22:00.
6. The sample tampering required encryption key generation. Only Quentin, Katarina, Indira have it among the suspects.
7. Quentin had recent disciplinary action, well-documented in HR records.
8. Biohazard clearance access to the sequencing room is restricted to Darya, Quentin, Mateo.
9. Mateo's clean-room entry log places them at a remote conference from 20:00 to roughly 22:00.
- 10 Darya's sample log places them at a remote conference from 20:00 to roughly 22:00.

A) Katarina	B) Mateo	C) Quentin	D) Darya	E) Fenella	F) Indira
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## Deduction Mysteries

### CASE 03

An enzyme batch was swapped from the centrifuge bay of Coriolis Institute during the overnight window between 20:15 and 22:30. Investigators have narrowed the field to 6 suspects: Dimah (lab technician), Frida (graduate student), Gemma (safety officer), Ginevra (postdoctoral researcher), Ishaan (operations manager), Cedric (equipment manager).

#### Q Who swapped the enzyme batch?

1. Frida's badge swipe places them at a remote conference from 20:15 to roughly 22:30.
2. Cedric's sample log places them at a hospital visit from 20:15 to roughly 22:30.
3. A discarded note near the scene briefly suggested Ginevra's involvement, but it was later traced to an unrelated incident.
4. Ishaan had an ongoing dispute with management, well-documented in HR records.
5. Ginevra's freezer access log places them at a public event with hundreds of attendees from 20:15 to roughly 22:30.
6. Ishaan has no verifiable account of their whereabouts after 20:15.
7. Gemma's clean-room entry log places them at a documented training session from 20:15 to roughly 22:30.
8. The sample tampering required medical sedative protocols. Only Frida, Ishaan, Gemma have it among the suspects.
9. Dimah's sample log places them at an offsite location from 20:15 to roughly 22:30.
- 10 Clean-room access to the centrifuge bay is restricted to Ishaan, Dimah, Cedric.

11 Ishaan's clean-room access was activated at 20:15 at the centrifuge bay.

A) Frida	B) Ginevra	C) Ishaan	D) Gemma	E) Dimah	F) Cedric
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### CASE 04

A sealed reagent was swapped from the PI office of Brightline Sciences during the overnight window between 21:30 and 23:30. Investigators have narrowed the field to 5 suspects: Mateo (operations manager), Vera (equipment manager), Meriel (safety officer), Maeve (visiting scientist), Kai (clinical coordinator).

#### Q Who swapped the sealed reagent?

1. Maeve's badge swipe places them at a hospital visit from 21:30 to roughly 23:30.
2. Freezer key access to the PI office is restricted to Kai, Vera, Meriel.
3. Vera's equipment timestamp places them at a hospital visit from 21:30 to roughly 23:30.
4. Meriel's freezer key was activated at 21:30 at the PI office.
5. The sample tampering required advanced lock-picking expertise. Only Meriel, Maeve, Mateo have it among the suspects.
6. Meriel has no verifiable account of their whereabouts after 21:30.
7. Mateo's witness sighting places them at a documented training session from 21:30 to roughly 23:30.
8. Kai's freezer access log places them at a documented training session from 21:30 to roughly 23:30.
9. Meriel had outstanding financial debt, well-documented in HR records.
- 10 A discarded note near the scene briefly suggested Vera's involvement, but it was later traced to an unrelated incident.

A) Kai	B) Mateo	C) Meriel	D) Maeve	E) Vera
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## Deduction Mysteries

### CASE 05

The tax records were taken from the conservation room of Northgate Estate Archive during the overnight window between 19:15 and 21:30. Investigators have narrowed the field to 5 suspects: Tarek (intern), Lior (clerk), Polina (genealogist), Rosalind (records administrator), Florian (security officer).

#### Q Who took the tax records?

1. Rosalind's reading-room sign-in places them at a hospital visit from 19:15 to roughly 21:30.
2. A discarded note near the scene briefly suggested Polina's involvement, but it was later traced to an unrelated incident.
3. Archive badge access to the conservation room is restricted to Lior, Tarek, Rosalind.
4. Florian's camera footage places them at a public event with hundreds of attendees from 19:15 to roughly 21:30.
5. Lior has no verifiable account of their whereabouts after 19:15.
6. Tarek's archive log places them at a public event with hundreds of attendees from 19:15 to roughly 21:30.
7. Lior had recent disciplinary action, well-documented in HR records.
8. Polina's vault entry record places them at an offsite location from 19:15 to roughly 21:30.
9. Lior's archive badge was activated at 19:15 at the conservation room.
- 10 The theft required professional restoration training. Only Lior, Tarek, Florian have it among the suspects.

A) Polina	B) Lior	C) Tarek	D) Rosalind	E) Florian
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### CASE 06

A signed binary release was extracted from the testing lab of Quartermaine Cyber during the overnight window between 19:30 and 21:45. Investigators have narrowed the field to 6 suspects: Mikael (site-reliability engineer), Cyrus (security analyst), Damaris (contractor), Pavel (CTO), Elara (support lead), Ishaan (data scientist).

#### Q Who extracted the signed binary release?

1. Cyrus's CCTV camera places them at a remote conference from 19:30 to roughly 21:45.
2. MFA device access to the testing lab is restricted to Damaris, Elara, Pavel.
3. Ishaan's MFA token log places them at a hospital visit from 19:30 to roughly 21:45.
4. Damaris had recent disciplinary action, well-documented in HR records.
5. Elara's MFA token log places them at a hospital visit from 19:30 to roughly 21:45.
6. Damaris's MFA device was activated at 19:30 at the testing lab.
7. Mikael's VPN session log places them at a remote conference from 19:30 to roughly 21:45.
8. Damaris has no verifiable account of their whereabouts after 19:30.
9. The data theft required complex schematic knowledge. Only Mikael, Damaris, Elara have it among the suspects.
- 10 Pavel's badge swipe places them at a remote conference from 19:30 to roughly 21:45.

A) Ishaan	B) Damaris	C) Mikael	D) Pavel	E) Elara	F) Cyrus
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NOTES

## Answer Key – Deduction Mysteries

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

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### Case 01 C) Mira

- ❑ The corporate theft required advanced lock-picking expertise, admin credentials, and a motivating reason.
  - ❑ Cyrus lacks the required advanced lock-picking expertise – cleared.
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### Case 02 C) Quentin

- ❑ The sample tampering required encryption key generation, biohazard clearance, and a motivating reason.
  - ❑ Indira has the skill but no biohazard clearance – cleared.
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### Case 03 C) Ishaan

- ❑ The sample tampering required medical sedative protocols, clean-room access, and a motivating reason.
  - ❑ Dimah lacks the required medical sedative protocols – cleared.
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### Case 04 C) Meriel

- ❑ The sample tampering required advanced lock-picking expertise, freezer key, and a motivating reason.
  - ❑ Mateo has the skill but no freezer key – cleared.
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### Case 05 B) Lior

- ❑ The theft required professional restoration training, archive badge, and a motivating reason.
  - ❑ Tarek has skill and access but a verified alibi places them offsite – cleared.
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### Case 06 B) Damaris

- ❑ The data theft required complex schematic knowledge, MFA device, and a motivating reason.
- ❑ Mikael has the skill but no MFA device – cleared.