

## Deduction Mysteries

### CASE 01

A silver chalice was taken from the private collection room of Pemberton Wing during the overnight window between 20:45 and 22:45. Investigators have narrowed the field to 6 suspects: Penelope (janitor), Mauro (art restorer), Kasimir (archivist), Kalinda (night security), Ravi (exhibition designer), Klaus (gift shop manager).

#### Q Who took the silver chalice?

1. Kalinda's door sensor places them at an offsite location from 20:45 to roughly 22:45.
2. Ravi's witness testimony places them at an offsite location from 20:45 to roughly 22:45.
3. Klaus's security badge was activated at 20:45 at the private collection room.
4. Klaus has no verifiable account of their whereabouts after 20:45.
5. Kasimir's badge swipe log places them at a documented training session from 20:45 to roughly 22:45.
6. Mauro's witness testimony places them at a documented training session from 20:45 to roughly 22:45.
7. The theft required professional restoration training. Only Klaus, Mauro, Kasimir have it among the suspects.
8. Security badge access to the private collection room is restricted to Kalinda, Kasimir, Klaus.
9. Penelope's witness testimony places them at a hospital visit from 20:45 to roughly 22:45.
- 10 Klaus had recent disciplinary action, well-documented in HR records.

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|------------|------------|----------|-------------|---------|----------|
| A) Kasimir | B) Kalinda | C) Klaus | D) Penelope | E) Ravi | F) Mauro |
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### CASE 02

A sound-system controller was taken from the sound booth of The Aldermarsh Theatre during the overnight window between 21:30 and 23:30. Investigators have narrowed the field to 6 suspects: Maeve (lighting tech), Damaris (stagehand), Darya (box-office manager), Ula (costume designer), Elara (lead actor), Sora (director).

#### Q Who took the sound-system controller?

1. Prop-room code access to the sound booth is restricted to Darya, Elara.
2. Ula's box-office system places them at a remote conference from 21:30 to roughly 23:30.
3. Maeve's dressing-room sign-in places them at a public event with hundreds of attendees from 21:30 to roughly 23:30.
4. Elara's witness crew member places them at a public event with hundreds of attendees from 21:30 to roughly 23:30.
5. Damaris's rehearsal sign-in places them at a hospital visit from 21:30 to roughly 23:30.
6. Darya had outstanding financial debt, well-documented in HR records.
7. The theft required encryption key generation. Only Darya, Damaris, Maeve have it among the suspects.
8. Darya has no verifiable account of their whereabouts after 21:30.
9. Sora's witness crew member places them at a remote conference from 21:30 to roughly 23:30.
- 10 Darya's prop-room code was activated at 21:30 at the sound booth.

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| A) Maeve | B) Ula | C) Darya | D) Sora | E) Damaris | F) Elara |
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## Deduction Mysteries

### CASE 03

A curator notebook was taken from the rare books vault of Northgate Library during the overnight window between 19:30 and 21:30. Investigators have narrowed the field to 5 suspects: Hakim (reference librarian), Kasimir (volunteer), Finnegan (research assistant), Yusuf (custodian), Roksana (archivist).

#### Q Who took the curator notebook?

1. Vault key access to the rare books vault is restricted to Hakim, Roksana.
2. A discarded note near the scene briefly suggested Yusuf's involvement, but it was later traced to an unrelated incident.
3. Yusuf's security camera places them at an offsite location from 19:30 to roughly 21:30.
4. Kasimir's badge swipe places them at a public event with hundreds of attendees from 19:30 to roughly 21:30.
5. Hakim had passed-over promotion, well-documented in HR records.
6. Roksana's security camera places them at an offsite location from 19:30 to roughly 21:30.
7. Hakim has no verifiable account of their whereabouts after 19:30.
8. Hakim's vault key was activated at 19:30 at the rare books vault.
9. The theft required social-engineering skill. Only Yusuf, Hakim, Kasimir have it among the suspects.
- 10 Finnegan's badge swipe places them at a hospital visit from 19:30 to roughly 21:30.

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| A) Yusuf | B) Roksana | C) Kasimir | D) Hakim | E) Finnegan |
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### CASE 04

A team trophy was taken from the coach's office of Brightline Fitness during the overnight window between 21:30 and 23:15. Investigators have narrowed the field to 5 suspects: Damaris (facilities manager), Lior (rookie player), Arjun (team captain), Quincy (referee), Xiomara (team statistician).

#### Q Who took the team trophy?

1. Lior's locker-room sensor places them at a hospital visit from 21:30 to roughly 23:15.
2. Xiomara's badge log places them at a hospital visit from 21:30 to roughly 23:15.
3. Damaris has no verifiable account of their whereabouts after 21:30.
4. Facility badge access to the coach's office is restricted to Damaris, Lior, Arjun.
5. Damaris's facility badge was activated at 21:30 at the coach's office.
6. The theft required encryption key generation. Only Lior, Quincy, Damaris have it among the suspects.
7. Arjun's witness teammate places them at a public event with hundreds of attendees from 21:30 to roughly 23:15.
8. Quincy's witness teammate places them at a hospital visit from 21:30 to roughly 23:15.
9. Damaris had passed-over promotion, well-documented in HR records.

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| A) Arjun | B) Lior | C) Xiomara | D) Damaris | E) Quincy |
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## Deduction Mysteries

### CASE 05

A final exam answer sheet was taken from the records office of Saint-Clair School during the overnight window between 21:30 and 23:00. Investigators have narrowed the field to 6 suspects: Adrian (department head), Magnus (librarian), Octavia (janitor), Akhil (school counselor), Xiomara (substitute teacher), Wren (principal).

#### Q Who took the final exam answer sheet?

1. Keypad code access to the records office is restricted to Xiomara, Adrian.
2. Xiomara has no verifiable account of their whereabouts after 21:30.
3. Magnus's witness statement places them at a documented training session from 21:30 to roughly 23:00.
4. A discarded note near the scene briefly suggested Adrian's involvement, but it was later traced to an unrelated incident.
5. Adrian's attendance log places them at a remote conference from 21:30 to roughly 23:00.
6. Xiomara had passed-over promotion, well-documented in HR records.
7. Octavia's door sensor places them at a remote conference from 21:30 to roughly 23:00.
8. Wren's door sensor places them at a public event with hundreds of attendees from 21:30 to roughly 23:00.
9. Akhil's attendance log places them at a hospital visit from 21:30 to roughly 23:00.
- 10 The theft required firmware manipulation. Only Xiomara, Adrian, Wren have it among the suspects.

11 Xiomara's keypad code was activated at 21:30 at the records office.

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| A) Octavia | B) Xiomara | C) Akhil | D) Adrian | E) Wren | F) Magnus |
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### CASE 06

A catering payment was taken from the staff break room of Aldermarsh Bistro during the overnight window between 19:45 and 21:15. Investigators have narrowed the field to 5 suspects: Nikolai (pastry chef), Penelope (sommelier), Ines (host), Cedric (head chef), Hakim (dishwasher).

#### Q Who took the catering payment?

1. Ines has no verifiable account of their whereabouts after 19:45.
2. Nikolai's time-clock record places them at a hospital visit from 19:45 to roughly 21:15.
3. Ines's manager key was activated at 19:45 at the staff break room.
4. The theft required professional restoration training. Only Hakim, Ines, Cedric have it among the suspects.
5. Ines had recent disciplinary action, well-documented in HR records.
6. Cedric's POS log places them at a hospital visit from 19:45 to roughly 21:15.
7. Penelope's witness server places them at a public event with hundreds of attendees from 19:45 to roughly 21:15.
8. Manager key access to the staff break room is restricted to Ines, Hakim, Penelope.
9. Hakim's time-clock record places them at a hospital visit from 19:45 to roughly 21:15.

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| A) Penelope | B) Nikolai | C) Hakim | D) Ines | E) Cedric |
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## Answer Key – Deduction Mysteries

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

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### Case 01 C) Klaus

- ☒ The theft required professional restoration training, security badge, and a motivating reason.
  - ☒ Penelope lacks the required professional restoration training – cleared.
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### Case 02 C) Darya

- ☒ The theft required encryption key generation, prop-room code, and a motivating reason.
  - ☒ Maeve has the skill but no prop-room code – cleared.
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### Case 03 D) Hakim

- ☒ The theft required social-engineering skill, vault key, and a motivating reason.
  - ☒ Kasimir has the skill but no vault key – cleared.
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### Case 04 D) Damaris

- ☒ The theft required encryption key generation, facility badge, and a motivating reason.
  - ☒ Lior has skill and access but a verified alibi places them offsite – cleared.
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### Case 05 B) Xiomara

- ☒ The theft required firmware manipulation, keypad code, and a motivating reason.
  - ☒ Adrian has skill and access but a verified alibi places them offsite – cleared.
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### Case 06 D) Ines

- ☒ The theft required professional restoration training, manager key, and a motivating reason.
- ☒ Nikolai lacks the required professional restoration training – cleared.