

## Deduction Mysteries

### CASE 01

An exam answer key was taken from the sports equipment room of Aldermarsh High during the overnight window between 21:00 and 23:00. Investigators have narrowed the field to 5 suspects: Mateo (janitor), Penelope (librarian), Ravi (teacher), Cosima (principal), Vidal (student council president).

#### Q Who took the exam answer key?

1. Keypad code access to the sports equipment room is restricted to Ravi, Penelope.
2. Penelope had an ongoing dispute with management, well-documented in HR records.
3. Penelope's keypad code was activated at 21:00 at the sports equipment room.
4. Cosima's printer log places them at a hospital visit from 21:00 to roughly 23:00.
5. A discarded note near the scene briefly suggested Mateo's involvement, but it was later traced to an unrelated incident.
6. Ravi's door sensor places them at a remote conference from 21:00 to roughly 23:00.
7. The theft required advanced lock-picking expertise. Only Cosima, Mateo, Penelope have it among the suspects.
8. Mateo's attendance log places them at an offsite location from 21:00 to roughly 23:00.
9. Penelope has no verifiable account of their whereabouts after 21:00.
- 10 Vidal's printer log places them at an offsite location from 21:00 to roughly 23:00.

A) Ravi	B) Cosima	C) Vidal	D) Penelope	E) Mateo
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### CASE 02

The pharmacy keys were taken from the administration office of Helix Health Center during the overnight window between 21:10 and 23:45. Investigators have narrowed the field to 6 suspects: Vera (volunteer), Lior (social worker), Darya (medical resident), Kenji (technician), Akira (head nurse), Mateo (pharmacist).

#### Q Who took the pharmacy keys?

1. Akira's badge log places them at a remote conference from 21:10 to roughly 23:45.
2. Vera's pharmacy key was activated at 21:10 at the administration office.
3. Vera has no verifiable account of their whereabouts after 21:10.
4. Mateo's medication audit places them at a hospital visit from 21:10 to roughly 23:45.
5. Pharmacy key access to the administration office is restricted to Vera, Akira.
6. Kenji's elevator log places them at a hospital visit from 21:10 to roughly 23:45.
7. The theft required social-engineering skill. Only Vera, Kenji, Lior have it among the suspects.
8. Vera had passed-over promotion, well-documented in HR records.
9. Darya's elevator log places them at a remote conference from 21:10 to roughly 23:45.
- 10 Lior's medication audit places them at a hospital visit from 21:10 to roughly 23:45.

A) Darya	B) Akira	C) Mateo	D) Kenji	E) Vera	F) Lior
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## Deduction Mysteries

### CASE 03

A member roster was taken from the administration office of Aldermarsh Arena during the overnight window between 21:15 and 23:15. Investigators have narrowed the field to 5 suspects: Ines (team statistician), Fariha (referee), Mateo (facilities manager), Wilder (head coach), Pavel (team captain).

#### Q Who took the member roster?

1. A discarded note near the scene briefly suggested Ines's involvement, but it was later traced to an unrelated incident.
2. Wilder has no verifiable account of their whereabouts after 21:15.
3. Mateo's time-clock record places them at a remote conference from 21:15 to roughly 23:15.
4. Wilder's equipment-room key was activated at 21:15 at the administration office.
5. Equipment-room key access to the administration office is restricted to Wilder, Fariha.
6. Ines's time-clock record places them at an offsite location from 21:15 to roughly 23:15.
7. Fariha's witness teammate places them at a hospital visit from 21:15 to roughly 23:15.
8. Pavel's time-clock record places them at a hospital visit from 21:15 to roughly 23:15.
9. Wilder had an ongoing dispute with management, well-documented in HR records.
- 10 The theft required firmware manipulation. Only Ines, Fariha, Wilder have it among the suspects.

A) Wilder	B) Fariha	C) Ines	D) Mateo	E) Pavel
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### CASE 04

A confidential memo was taken from the data center of Northgate Partners during the overnight window between 21:45 and 23:15. Investigators have narrowed the field to 5 suspects: Noor (security officer), Mahdi (records clerk), Leila (HR director), Bayan (executive assistant), Marisol (facilities coordinator).

#### Q Who took the confidential memo?

1. The corporate theft required firmware manipulation. Only Leila, Bayan, Mahdi have it among the suspects.
2. Bayan had outstanding financial debt, well-documented in HR records.
3. Bayan's document-room code was activated at 21:45 at the data center.
4. Document-room code access to the data center is restricted to Bayan, Marisol.
5. Bayan has no verifiable account of their whereabouts after 21:45.
6. Mahdi's security badge log places them at a documented training session from 21:45 to roughly 23:15.
7. Leila's door access record places them at a remote conference from 21:45 to roughly 23:15.
8. Noor's security badge log places them at an offsite location from 21:45 to roughly 23:15.
9. A discarded note near the scene briefly suggested Leila's involvement, but it was later traced to an unrelated incident.
- 10 Marisol's door access record places them at a hospital visit from 21:45 to roughly 23:15.

A) Marisol	B) Noor	C) Mahdi	D) Bayan	E) Leila
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## Deduction Mysteries

### CASE 05

A medical equipment was taken from the staff lounge of Helix Health Center during the overnight window between 19:15 and 21:30. Investigators have narrowed the field to 6 suspects: Octavia (administrator), Rosalind (attending physician), Wren (social worker), Zephyr (pharmacist), Arjun (security officer), Bram (medical resident).

#### Q Who took the medical equipment?

1. Bram's door sensor places them at a public event with hundreds of attendees from 19:15 to roughly 21:30.
2. Wren's pharmacy key was activated at 19:15 at the staff lounge.
3. Wren has no verifiable account of their whereabouts after 19:15.
4. A discarded note near the scene briefly suggested Zephyr's involvement, but it was later traced to an unrelated incident.
5. The theft required firmware manipulation. Only Rosalind, Wren, Bram have it among the suspects.
6. Zephyr's badge log places them at a hospital visit from 19:15 to roughly 21:30.
7. Rosalind's pharmacy CCTV places them at an offsite location from 19:15 to roughly 21:30.
8. Wren had recent disciplinary action, well-documented in HR records.
9. Pharmacy key access to the staff lounge is restricted to Bram, Wren.
- 10 Octavia's witness staff places them at a remote conference from 19:15 to roughly 21:30.
- 11 Arjun's medication audit places them at a public event with hundreds of attendees from 19:15 to roughly 21:30.

A) Octavia	B) Rosalind	C) Wren	D) Arjun	E) Bram	F) Zephyr
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### CASE 06

A locker key was taken from the records office of Cedarvale High during the overnight window between 20:10 and 22:45. Investigators have narrowed the field to 6 suspects: Bayan (secretary), Diallo (teacher), Odell (coach), Damaris (school counselor), Zephyr (librarian), Alejandro (student council president).

#### Q Who took the locker key?

1. Diallo has no verifiable account of their whereabouts after 20:10.
2. Diallo had an ongoing dispute with management, well-documented in HR records.
3. Odell's attendance log places them at a public event with hundreds of attendees from 20:10 to roughly 22:45.
4. The theft required complex schematic knowledge. Only Bayan, Diallo, Odell have it among the suspects.
5. Zephyr's keycard log places them at a remote conference from 20:10 to roughly 22:45.
6. Alejandro's printer log places them at a remote conference from 20:10 to roughly 22:45.
7. Bayan's witness statement places them at an offsite location from 20:10 to roughly 22:45.
8. Diallo's master key was activated at 20:10 at the records office.
9. Damaris's keycard log places them at a documented training session from 20:10 to roughly 22:45.
- 10 Master key access to the records office is restricted to Diallo, Bayan.

A) Damaris	B) Bayan	C) Zephyr	D) Alejandro	E) Diallo	F) Odell
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## Answer Key – Deduction Mysteries

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

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### Case 01 D) Penelope

- ☒ The theft required advanced lock-picking expertise, keypad code, and a motivating reason.
  - ☒ Mateo has the skill but no keypad code – cleared.
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### Case 02 E) Vera

- ☒ The theft required social-engineering skill, pharmacy key, and a motivating reason.
  - ☒ Lior has the skill but no pharmacy key – cleared.
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### Case 03 A) Wilder

- ☒ The theft required firmware manipulation, equipment-room key, and a motivating reason.
  - ☒ Ines has the skill but no equipment-room key – cleared.
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### Case 04 D) Bayan

- ☒ The corporate theft required firmware manipulation, document-room code, and a motivating reason.
  - ☒ Noor lacks the required firmware manipulation – cleared.
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### Case 05 C) Wren

- ☒ The theft required firmware manipulation, pharmacy key, and a motivating reason.
  - ☒ Octavia lacks the required firmware manipulation – cleared.
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### Case 06 E) Diallo

- ☒ The theft required complex schematic knowledge, master key, and a motivating reason.
- ☒ Bayan has skill and access but a verified alibi places them offsite – cleared.