

Deduction Mysteries

CASE 01

A bronze sculpture was taken from the archive room of Metropolitan Gallery during the overnight window between 02:15 and 05:45. The operation required specific qualifications, access, and timing. 8 suspects are under investigation: Nikolai (art restorer), Damaris (curator), Ronan (exhibition designer), Thora (gift shop manager), Ginevra (archivist), Odell (night security), Octavia (docent), Hakim (tour guide). Several have strong-looking motives.

Q Who took the bronze sculpture?

1. However: Thora is cleared – but security camera places them at the hospital with a family emergency during the entire window.
2. The trace at the scene (a seal cut with a serial pattern from a specific supply) ties directly to inventory or systems uniquely accessible to Ginevra.
3. Hakim lacks clean-room or vault clearance – security audit confirms.
4. Nikolai lacks clean-room or vault clearance – security audit confirms.
5. However: Octavia is cleared – but two independent witnesses confirm a video call with them throughout the window.
6. Four independent requirements: clearance to the restricted archive, clean-room or vault clearance, presence between 02:15 and 05:45, and possession of the specific tool used.
7. Octavia has clean-room or vault clearance and possession of the specific tool used – initial suspicion was high.
8. However: Damaris is cleared – but witness testimony places them at the hospital with a family emergency during the entire window.
9. Thora was passed over for a recent promotion – appears to have motive.
- 10 Initial assumption pointed to Odell because of proximity to the scene earlier, but this has been independently ruled out.

CASE 02

A final exam answer sheet was taken from the locker room of Saint-Clair School during the overnight window between 00:45 and 03:15. The operation required specific qualifications, access, and timing. 8 suspects are under investigation: Sora (school counselor), Amari (teacher), Bram (principal), Mira (janitor), Emiko (substitute teacher), Frida (department head), Xanthe (librarian), Ezra (student council president). Several have strong-looking motives.

Q Who took the final exam answer sheet?

1. However: Frida is cleared – but they were on a documented overnight flight, verified by airline records.
2. Ezra has advanced restoration training and knowledge of the seal serial pattern – initial suspicion was high.
3. However: Mira is cleared – but attendance log places them at the hospital with a family emergency during the entire window.
4. However: Ezra is cleared – but two independent witnesses confirm a video call with them throughout the window.
5. Frida filed a grievance two weeks ago – appears to have motive.
6. Sora lacks advanced restoration training – confirmed by personnel records.
7. The trace at the scene (a seal cut with a serial pattern from a specific supply) ties directly to inventory or systems uniquely accessible to Bram.
8. Bram claims to have exited the building at 22:20 – the official badge log confirms this.
9. Mira clashed publicly with management – appears to have motive.
- 10 Xanthe has only advanced restoration training of the four requirements.
- 11 Four independent requirements: advanced restoration training, after-hours building access, presence between 00:45 and 03:15, and knowledge of the seal serial pattern.

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CASE 03

A controlled medication was taken from the blood bank of Aldermarsh Clinic during the overnight window between 01:30 and 04:00. The operation required specific qualifications, access, and timing. 8 suspects are under investigation: Fenella (technician), Phaedra (pharmacist), Katarina (medical resident), Lana (attending physician), Ezra (janitor), Wren (head nurse), Sora (security officer), Rhys (social worker). Several have strong-looking motives.

Q Who took the controlled medication?

1. However: Sora is cleared – but medication audit places them at the hospital with a family emergency during the entire window.
2. Katarina lacks a verified relationship with the donor – security audit confirms.
3. The theft involved a network certificate signed by senior staff.
4. Four independent requirements: specialized engineering certification, a verified relationship with the donor, presence between 01:30 and 04:00, and authorization to handle the item.
5. Phaedra lacks a verified relationship with the donor – security audit confirms.
6. Wren had financial pressure – appears to have motive.
7. Fenella has all four requirements: specialized engineering certification, a verified relationship with the donor, authorization to handle the item, and meets the temporal requirement (presence between 01:30 and 04:00).
8. Sora has a verified relationship with the donor and specialized engineering certification – initial suspicion was high.
9. Sora clashed publicly with management – appears to have motive.
- 10 The trace at the scene (a network certificate signed by senior staff) ties directly to inventory or . systems uniquely accessible to Fenella.
- 11 Ezra lacks a verified relationship with the donor – security audit confirms.

CASE 04

A signature dish recipe was taken from the staff break room of Helix Kitchen during the overnight window between 01:30 and 05:30. The operation required specific qualifications, access, and timing. 8 suspects are under investigation: Kasper (sommelier), Tomas (line cook), Quincy (dishwasher), Beatrix (host), Nizar (pastry chef), Bao (bartender), Yvonne (head chef), Iolanthe (server). Several have strong-looking motives.

Q Who took the signature dish recipe?

1. The trace at the scene (an encryption signature tied to the internal training network) ties directly to inventory or systems uniquely accessible to Iolanthe.
2. Nizar has possession of the specific tool used and a master key issued only to senior staff and after-hours building access – initial suspicion was high.
3. Nizar was passed over for a recent promotion – appears to have motive.
4. Yvonne lacks after-hours building access – security audit confirms.
5. Beatrix's time-clock record shows them off-site the entire window.
6. But: however the unsecured service entrance doesn't require a badge to re-enter.
7. The theft involved an encryption signature tied to the internal training network.
8. Four independent requirements: a master key issued only to senior staff, after-hours building access, presence between 01:30 and 05:30, and possession of the specific tool used.
9. Bao has only possession of the specific tool used of the four requirements.
- 10 Initial assumption pointed to Tomas because of proximity to the scene earlier, but this has been . independently ruled out.
- 11 Tomas has after-hours building access and possession of the specific tool used – initial suspicion . was high.

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CASE 05

A genealogy register was taken from the restricted reading room of City Records Office during the overnight window between 01:30 and 05:15. The operation required specific qualifications, access, and timing. 7 suspects are under investigation: Mateo (conservation specialist), Anastasia (volunteer), Cedric (administrator), Lucia (genealogist), Klaus (head archivist), Roksana (intern), Indira (researcher). Several have strong-looking motives.

Q Who took the genealogy register?

1. But: however the seal serial registry shows their vehicle remained in the lot until well after 01:30.
2. Indira filed a grievance two weeks ago – appears to have motive.
3. Cedric has elevated system privileges and possession of the specific tool used and administrator credentials – initial suspicion was high.
4. However: Indira is cleared – but two independent witnesses confirm a video call with them throughout the window.
5. Lucia has elevated system privileges and possession of the specific tool used and administrator credentials – initial suspicion was high.
6. Four independent requirements: elevated system privileges, administrator credentials, presence between 01:30 and 05:15, and possession of the specific tool used.
7. Lucia clashed publicly with management – appears to have motive.
8. Mateo lacks elevated system privileges – confirmed by personnel records.
9. Klaus has all four requirements: elevated system privileges, administrator credentials, possession of the specific tool used, and meets the temporal requirement (presence between 01:30 and 05:15).
10. Cedric had financial pressure – appears to have motive.
11. However: Lucia is cleared – but their admin code was revoked the day before – confirmed in the security audit.

CASE 06

A locker key was taken from the exam preparation room of Westbrook Academy during the overnight window between 02:00 and 05:00. The operation required specific qualifications, access, and timing. 8 suspects are under investigation: Quentin (department head), Magnus (student council president), Xanthe (principal), Kerensa (school counselor), Eitan (janitor), Priya (coach), Wilder (secretary), Vera (teacher). Several have strong-looking motives.

Q Who took the locker key?

1. Xanthe has knowledge of the seal serial pattern and administrator credentials – initial suspicion was high.
2. However: Xanthe is cleared – but two independent witnesses confirm a video call with them throughout the window.
3. However: Magnus is cleared – but they were on a documented overnight flight, verified by airline records.
4. Magnus had financial pressure – appears to have motive.
5. Vera's attendance log shows them off-site the entire window.
6. Wilder has only a master key issued only to senior staff of the four requirements.
7. Four independent requirements: a master key issued only to senior staff, administrator credentials, presence between 02:00 and 05:00, and knowledge of the seal serial pattern.
8. Eitan has a master key issued only to senior staff and administrator credentials and knowledge of the seal serial pattern – initial suspicion was high.
9. Initial assumption pointed to Vera because of public friction with management, but this has been independently ruled out.
10. Quentin's keycard log shows them off-site the entire window.

Answer Key – Deduction Mysteries

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

Case 01 A) Ginevra

- ☑ Four requirements (clearance to the restricted archive, clean-room or vault clearance, presence between 02:15 and 05:45, possession of the specific tool used) plus a unique technical trace narrow the case.
 - ☑ Octavia appears guilty (has multiple requirements, has motive) but is cleared by an independent verification.
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Case 02 A) Bram

- ☑ Four requirements (advanced restoration training, after-hours building access, presence between 00:45 and 03:15, knowledge of the seal serial pattern) plus a unique technical trace narrow the case.
 - ☑ Ezra appears guilty (has multiple requirements, has motive) but is cleared by an independent verification.
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Case 03 F) Fenella

- ☑ Four requirements (specialized engineering certification, a verified relationship with the donor, presence between 01:30 and 04:00, authorization to handle the item) plus a unique technical trace narrow the case.
 - ☑ Sora appears guilty (has multiple requirements, has motive) but is cleared by an independent verification.
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Case 04 C) Iolanthe

- ☑ Four requirements (a master key issued only to senior staff, after-hours building access, presence between 01:30 and 05:30, possession of the specific tool used) plus a unique technical trace narrow the case.
 - ☑ Kasper appears guilty (has multiple requirements, has motive) but is cleared by an independent verification.
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Case 05 F) Klaus

- ☑ Four requirements (elevated system privileges, administrator credentials, presence between 01:30 and 05:15, possession of the specific tool used) plus a unique technical trace narrow the case.
 - ☑ Cedric appears guilty (has multiple requirements, has motive) but is cleared by an independent verification.
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Case 06 F) Kerensa

- ☑ Four requirements (a master key issued only to senior staff, administrator credentials, presence between 02:00 and 05:00, knowledge of the seal serial pattern) plus a unique technical trace narrow the case.
- ☑ Magnus appears guilty (has multiple requirements, has motive) but is cleared by an independent verification.