

Deduction Mysteries

CASE 01

A sample vial was swapped from the sequencing room of Coriolis Institute during the overnight window between 21:45 and 23:30. Investigators have narrowed the field to 6 suspects: Mauro (graduate student), Kai (equipment manager), Wren (visiting scientist), Adrian (clinical coordinator), Ginevra (principal investigator), Magnus (safety officer).

Q Who swapped the sample vial?

1. Wren's sample log places them at an offsite location from 21:45 to roughly 23:30.
2. Adrian had a documented grievance, well-documented in HR records.
3. Kai's equipment timestamp places them at an offsite location from 21:45 to roughly 23:30.
4. The sample tampering required complex schematic knowledge. Only Adrian, Ginevra, Magnus have it among the suspects.
5. Adrian has no verifiable account of their whereabouts after 21:45.
6. Adrian's biohazard clearance was activated at 21:45 at the sequencing room.
7. Mauro's equipment timestamp places them at a documented training session from 21:45 to roughly 23:30.
8. Biohazard clearance access to the sequencing room is restricted to Adrian, Kai, Ginevra.
9. Magnus's sample log places them at a documented training session from 21:45 to roughly 23:30.
- 10 Ginevra's badge swipe places them at a documented training session from 21:45 to roughly 23:30.

A) Magnus	B) Adrian	C) Kai	D) Ginevra	E) Wren	F) Mauro
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CASE 02

An original script was taken from the director's office of Pemberton Opera House during the overnight window between 20:45 and 22:15. Investigators have narrowed the field to 6 suspects: Finnegan (understudy), Nikolai (prop master), Darya (lead actor), Mateo (stage manager), Kerensa (musical director), Noor (lighting tech).

Q Who took the original script?

1. Finnegan's rehearsal sign-in places them at a documented training session from 20:45 to roughly 22:15.
2. Kerensa's witness crew member places them at an offsite location from 20:45 to roughly 22:15.
3. Noor's backstage pass was activated at 20:45 at the director's office.
4. Mateo's props inventory log places them at a remote conference from 20:45 to roughly 22:15.
5. Darya's stage door camera places them at a hospital visit from 20:45 to roughly 22:15.
6. The theft required social-engineering skill. Only Noor, Darya, Kerensa have it among the suspects.
7. Noor has no verifiable account of their whereabouts after 20:45.
8. A discarded note near the scene briefly suggested Mateo's involvement, but it was later traced to an unrelated incident.
9. Nikolai's props inventory log places them at a documented training session from 20:45 to roughly 22:15.
- 10 Noor had outstanding financial debt, well-documented in HR records.
- 11 Backstage pass access to the director's office is restricted to Finnegan, Noor, Kerensa.

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CASE 03

The rehearsal recordings were taken from the sound booth of Helix Repertory during the overnight window between 19:00 and 21:15. Investigators have narrowed the field to 5 suspects: Zoltan (stage manager), Amari (stagehand), Kalisa (prop master), Jacinta (director), Elara (lighting tech).

Q Who took the rehearsal recordings?

1. Elara's rehearsal sign-in places them at a public event with hundreds of attendees from 19:00 to roughly 21:15.
2. Amari has no verifiable account of their whereabouts after 19:00.
3. Amari's prop-room code was activated at 19:00 at the sound booth.
4. A discarded note near the scene briefly suggested Jacinta's involvement, but it was later traced to an unrelated incident.
5. Prop-room code access to the sound booth is restricted to Jacinta, Elara, Amari.
6. Kalisa's props inventory log places them at a hospital visit from 19:00 to roughly 21:15.
7. Zoltan's witness crew member places them at a documented training session from 19:00 to roughly 21:15.
8. Jacinta's witness crew member places them at an offsite location from 19:00 to roughly 21:15.
9. The theft required firmware manipulation. Only Amari, Elara, Zoltan have it among the suspects.
- 10 Amari had an ongoing dispute with management, well-documented in HR records.

A) Elara	B) Kalisa	C) Jacinta	D) Zoltan	E) Amari
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CASE 04

A medieval folio was taken from the staff workroom of Pemberton Research Library during the overnight window between 20:45 and 22:30. Investigators have narrowed the field to 6 suspects: Selene (volunteer), Jian (intern), Idris (rare-books curator), Kerensa (visiting scholar), Bjorn (head librarian), Gunnar (archivist).

Q Who took the medieval folio?

1. Reading-room pass access to the staff workroom is restricted to Bjorn, Selene, Kerensa.
2. Bjorn had passed-over promotion, well-documented in HR records.
3. Gunnar's badge swipe places them at a public event with hundreds of attendees from 20:45 to roughly 22:30.
4. Idris's badge swipe places them at a public event with hundreds of attendees from 20:45 to roughly 22:30.
5. Bjorn's reading-room pass was activated at 20:45 at the staff workroom.
6. Jian's badge swipe places them at a hospital visit from 20:45 to roughly 22:30.
7. The theft required medical sedative protocols. Only Bjorn, Kerensa, Selene have it among the suspects.
8. Selene's badge swipe places them at a public event with hundreds of attendees from 20:45 to roughly 22:30.
9. Bjorn has no verifiable account of their whereabouts after 20:45.
- 10 Kerensa's witness patron places them at a documented training session from 20:45 to roughly

A) Idris	B) Jian	C) Kerensa	D) Selene	E) Gunnar	F) Bjorn
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CASE 05

A research notebook was swapped from the cleanroom of Coriolis Institute during the overnight window between 21:15 and 23:00. Investigators have narrowed the field to 5 suspects: Daphne (undergraduate volunteer), Elspeth (principal investigator), Anand (equipment manager), Fariha (operations manager), Phaedra (visiting scientist).

Q Who swapped the research notebook?

1. Daphne has no verifiable account of their whereabouts after 21:15.
2. Freezer key access to the cleanroom is restricted to Elspeth, Daphne.
3. A discarded note near the scene briefly suggested Elspeth's involvement, but it was later traced to an unrelated incident.
4. Fariha's equipment timestamp places them at an offsite location from 21:15 to roughly 23:00.
5. The sample tampering required advanced lock-picking expertise. Only Daphne, Anand, Fariha have it among the suspects.
6. Phaedra's freezer access log places them at an offsite location from 21:15 to roughly 23:00.
7. Anand's witness sighting places them at a remote conference from 21:15 to roughly 23:00.
8. Elspeth's witness sighting places them at a documented training session from 21:15 to roughly 23:00.
9. Daphne had outstanding financial debt, well-documented in HR records.
- 10 Daphne's freezer key was activated at 21:15 at the cleanroom.

A) Fariha	B) Daphne	C) Anand	D) Phaedra	E) Elspeth
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CASE 06

A staff schedule was taken from the wine cellar of Helix Kitchen during the overnight window between 21:10 and 23:15. Investigators have narrowed the field to 6 suspects: Iolanthe (sous chef), Ines (sommelier), Olive (line cook), Eira (pastry chef), Katarina (host), Mauro (head chef).

Q Who took the staff schedule?

1. The theft required advanced lock-picking expertise. Only Olive, Ines, Iolanthe have it among the suspects.
2. Ines's reservation system places them at a hospital visit from 21:10 to roughly 23:15.
3. Eira's kitchen camera places them at a hospital visit from 21:10 to roughly 23:15.
4. Cellar key access to the wine cellar is restricted to Olive, Iolanthe.
5. Katarina's reservation system places them at an offsite location from 21:10 to roughly 23:15.
6. Olive had a documented grievance, well-documented in HR records.
7. Olive has no verifiable account of their whereabouts after 21:10.
8. Mauro's front-of-house camera places them at a remote conference from 21:10 to roughly 23:15.
9. Olive's cellar key was activated at 21:10 at the wine cellar.
- 10 Iolanthe's front-of-house camera places them at a remote conference from 21:10 to roughly 23:15.

A) Katarina	B) Ines	C) Eira	D) Mauro	E) Iolanthe	F) Olive
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Answer Key – Deduction Mysteries

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

Case 01 B) Adrian

- ☒ The sample tampering required complex schematic knowledge, biohazard clearance, and a motivating reason.
 - ☒ Mauro lacks the required complex schematic knowledge – cleared.
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Case 02 E) Noor

- ☒ The theft required social-engineering skill, backstage pass, and a motivating reason.
 - ☒ Finnegan lacks the required social-engineering skill – cleared.
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Case 03 E) Amari

- ☒ The theft required firmware manipulation, prop-room code, and a motivating reason.
 - ☒ Zoltan has the skill but no prop-room code – cleared.
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Case 04 F) Bjorn

- ☒ The theft required medical sedative protocols, reading-room pass, and a motivating reason.
 - ☒ Selene has skill and access but a verified alibi places them offsite – cleared.
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Case 05 B) Daphne

- ☒ The sample tampering required advanced lock-picking expertise, freezer key, and a motivating reason.
 - ☒ Elspeth lacks the required advanced lock-picking expertise – cleared.
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Case 06 F) Olive

- ☒ The theft required advanced lock-picking expertise, cellar key, and a motivating reason.
- ☒ Iolanthe has skill and access but a verified alibi places them offsite – cleared.