

Deduction Mysteries

CASE 01

A prop weapon was taken from the rehearsal hall of Argent Theatre during the overnight window between 20:15 and 22:45. Investigators have narrowed the field to 5 suspects: Mauro (lighting tech), Sami (director), Emiko (stagehand), Sora (musical director), Aleksandr (understudy).

Q Who took the prop weapon?

1. A discarded note near the scene briefly suggested Emiko's involvement, but it was later traced to an unrelated incident.
2. Mauro's dressing-room sign-in places them at a remote conference from 20:15 to roughly 22:45.
3. Aleksandr's box-office key was activated at 20:15 at the rehearsal hall.
4. Box-office key access to the rehearsal hall is restricted to Aleksandr, Sora.
5. Emiko's dressing-room sign-in places them at a remote conference from 20:15 to roughly 22:45.
6. Sami's box-office system places them at a public event with hundreds of attendees from 20:15 to roughly 22:45.
7. Aleksandr has no verifiable account of their whereabouts after 20:15.
8. Sora's props inventory log places them at a public event with hundreds of attendees from 20:15 to roughly 22:45.
9. The theft required advanced lock-picking expertise. Only Aleksandr, Sora, Sami have it among the suspects.
- 10 Aleksandr had an ongoing dispute with management, well-documented in HR records.

A) Mauro	B) Sora	C) Sami	D) Emiko	E) Aleksandr
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CASE 02

An equipment manifest was taken from the coach's office of Brightline Fitness during the overnight window between 21:10 and 23:30. Investigators have narrowed the field to 6 suspects: Aiko (equipment manager), Isolde (rookie player), Idris (facilities manager), Wilder (team captain), Rhys (assistant coach), Zephyr (team statistician).

Q Who took the equipment manifest?

1. A discarded note near the scene briefly suggested Aiko's involvement, but it was later traced to an unrelated incident.
2. The theft required professional restoration training. Only Isolde, Idris, Aiko have it among the suspects.
3. Aiko's witness teammate places them at an offsite location from 21:10 to roughly 23:30.
4. Idris's equipment-room key was activated at 21:10 at the coach's office.
5. Equipment-room key access to the coach's office is restricted to Idris, Zephyr.
6. Zephyr's locker-room sensor places them at a documented training session from 21:10 to roughly 23:30.
7. Isolde's locker-room sensor places them at a public event with hundreds of attendees from 21:10 to roughly 23:30.
8. Idris has no verifiable account of their whereabouts after 21:10.
9. Idris had outstanding financial debt, well-documented in HR records.
- 10 Rhys's time-clock record places them at a public event with hundreds of attendees from 21:10 to roughly 23:30.
- 11 Wilder's equipment sign-out places them at a public event with hundreds of attendees from 21:10 to roughly 23:30.

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CASE 03

A science project was taken from the records office of Brierfield Prep during the overnight window between 19:15 and 21:45. Investigators have narrowed the field to 6 suspects: Lucia (coach), Tatum (teacher), Omari (department head), Ginevra (substitute teacher), Tarek (student council president), Cosima (principal).

Q Who took the science project?

1. Tatum's witness statement places them at a hospital visit from 19:15 to roughly 21:45.
2. The theft required firmware manipulation. Only Lucia, Omari, Tatum have it among the suspects.
3. Tarek's keycard log places them at a documented training session from 19:15 to roughly 21:45.
4. Lucia's keypad code was activated at 19:15 at the records office.
5. Omari's witness statement places them at a public event with hundreds of attendees from 19:15 to roughly 21:45.
6. Lucia had recent disciplinary action, well-documented in HR records.
7. Lucia has no verifiable account of their whereabouts after 19:15.
8. Cosima's witness statement places them at an offsite location from 19:15 to roughly 21:45.
9. Ginevra's attendance log places them at a remote conference from 19:15 to roughly 21:45.
- 10 Keypad code access to the records office is restricted to Cosima, Lucia, Omari.

A) Lucia	B) Tarek	C) Tatum	D) Cosima	E) Omari	F) Ginevra
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NOTES

CASE 04

A sound-system controller was taken from the dressing room of Northgate Stage during the overnight window between 19:30 and 21:30. Investigators have narrowed the field to 6 suspects: Kerensa (prop master), Dario (musical director), Florian (lead actor), Selene (stagehand), Zephyr (director), Kalinda (lighting tech).

Q Who took the sound-system controller?

1. Zephyr's rehearsal sign-in places them at an offsite location from 19:30 to roughly 21:30.
2. Kalinda's stage door camera places them at a remote conference from 19:30 to roughly 21:30.
3. Florian has no verifiable account of their whereabouts after 19:30.
4. Dario's rehearsal sign-in places them at a public event with hundreds of attendees from 19:30 to roughly 21:30.
5. Kerensa's witness crew member places them at a remote conference from 19:30 to roughly 21:30.
6. A discarded note near the scene briefly suggested Zephyr's involvement, but it was later traced to an unrelated incident.
7. The theft required encryption key generation. Only Dario, Florian, Kerensa have it among the suspects.
8. Florian had an ongoing dispute with management, well-documented in HR records.
9. Florian's box-office key was activated at 19:30 at the dressing room.
- 10 Selene's box-office system places them at a public event with hundreds of attendees from 19:30 to roughly 21:30.
- 11 Box-office key access to the dressing room is restricted to Florian, Dario.

Deduction Mysteries

CASE 05

The box-office receipts were taken from the prop storage of The Aldermarsh Theatre during the overnight window between 19:15 and 21:45. Investigators have narrowed the field to 6 suspects: Fariha (prop master), Galina (director), Joaquin (musical director), Ravi (stage manager), Xiomara (lighting tech), Klaus (box-office manager).

Q Who took the box-office receipts?

1. Galina's rehearsal sign-in places them at a remote conference from 19:15 to roughly 21:45.
2. Xiomara's box-office system places them at an offsite location from 19:15 to roughly 21:45.
3. Prop-room code access to the prop storage is restricted to Joaquin, Galina.
4. Ravi's rehearsal sign-in places them at a public event with hundreds of attendees from 19:15 to roughly 21:45.
5. Joaquin has no verifiable account of their whereabouts after 19:15.
6. Fariha's box-office system places them at an offsite location from 19:15 to roughly 21:45.
7. Klaus's rehearsal sign-in places them at a remote conference from 19:15 to roughly 21:45.
8. Joaquin had an ongoing dispute with management, well-documented in HR records.
9. The theft required complex schematic knowledge. Only Joaquin, Klaus, Ravi have it among the suspects.
- 10 Joaquin's prop-room code was activated at 19:15 at the prop storage.

A) Xiomara	B) Klaus	C) Joaquin	D) Ravi	E) Galina	F) Fariha
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CASE 06

The quarterly financials were extracted from the DevOps room of Solstice Labs during the overnight window between 21:10 and 23:45. Investigators have narrowed the field to 5 suspects: Renata (DevOps lead), Anastasia (intern), Thora (senior engineer), Fariha (site-reliability engineer), Tariq (contractor).

Q Who extracted the quarterly financials?

1. The data theft required professional restoration training. Only Tariq, Thora, Anastasia have it among the suspects.
2. Tariq has no verifiable account of their whereabouts after 21:10.
3. A discarded note near the scene briefly suggested Fariha's involvement, but it was later traced to an unrelated incident.
4. Tariq had an ongoing dispute with management, well-documented in HR records.
5. Admin token access to the DevOps room is restricted to Tariq, Renata, Anastasia.
6. Fariha's SSH authentication log places them at a hospital visit from 21:10 to roughly 23:45.
7. Renata's MFA token log places them at a documented training session from 21:10 to roughly 23:45.
8. Anastasia's witness colleague places them at a documented training session from 21:10 to roughly 23:45.
9. Tariq's admin token was activated at 21:10 at the DevOps room.
- 10 Thora's badge swipe places them at a hospital visit from 21:10 to roughly 23:45.

A) Thora	B) Fariha	C) Anastasia	D) Renata	E) Tariq
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Answer Key – Deduction Mysteries

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

Case 01 E) Aleksandr

- ☒ The theft required advanced lock-picking expertise, box-office key, and a motivating reason.
 - ☒ Mauro lacks the required advanced lock-picking expertise – cleared.
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Case 02 D) Idris

- ☒ The theft required professional restoration training, equipment-room key, and a motivating reason.
 - ☒ Aiko has the skill but no equipment-room key – cleared.
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Case 03 A) Lucia

- ☒ The theft required firmware manipulation, keypad code, and a motivating reason.
 - ☒ Tatum has the skill but no keypad code – cleared.
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Case 04 D) Florian

- ☒ The theft required encryption key generation, box-office key, and a motivating reason.
 - ☒ Kerensa has the skill but no box-office key – cleared.
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Case 05 C) Joaquin

- ☒ The theft required complex schematic knowledge, prop-room code, and a motivating reason.
 - ☒ Fariha lacks the required complex schematic knowledge – cleared.
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Case 06 E) Tariq

- ☒ The data theft required professional restoration training, admin token, and a motivating reason.
- ☒ Renata lacks the required professional restoration training – cleared.