

Deduction Mysteries

CASE 01

An expensive welding rod was taken from the employee locker area of Saint-Clair Machining during the overnight window between 20:10 and 22:00. Investigators have narrowed the field to 6 suspects: Zephyr (shop manager), Amari (quality inspector), Stellan (machinist), Cassia (parts clerk), Aaliyah (welder), Daphne (apprentice).

Q Who took the expensive welding rod?

1. Stellan's witness coworker places them at a remote conference from 20:10 to roughly 22:00.
2. Manager key access to the employee locker area is restricted to Zephyr, Aaliyah.
3. A discarded note near the scene briefly suggested Daphne's involvement, but it was later traced to an unrelated incident.
4. Zephyr had outstanding financial debt, well-documented in HR records.
5. Amari's tool-checkout log places them at an offsite location from 20:10 to roughly 22:00.
6. The theft required firmware manipulation. Only Zephyr, Aaliyah, Cassia have it among the suspects.
7. Daphne's parts-room audit places them at an offsite location from 20:10 to roughly 22:00.
8. Cassia's parts-room audit places them at a public event with hundreds of attendees from 20:10 to roughly 22:00.
9. Zephyr's manager key was activated at 20:10 at the employee locker area.
- 10 Zephyr has no verifiable account of their whereabouts after 20:10.
- 11 Aaliyah's time-clock log places them at a public event with hundreds of attendees from 20:10

to roughly 22:00.

A) Zephyr	B) Daphne	C) Amari	D) Aaliyah	E) Stellan	F) Cassia
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CASE 02

A championship ring was taken from the equipment room of Northgate Athletic Club during the overnight window between 20:45 and 22:00. Investigators have narrowed the field to 5 suspects: Bram (athletic trainer), Kasper (equipment manager), Helena (head coach), Ula (assistant coach), Ines (rookie player).

Q Who took the championship ring?

1. Helena had an ongoing dispute with management, well-documented in HR records.
2. A discarded note near the scene briefly suggested Ula's involvement, but it was later traced to an unrelated incident.
3. Equipment-room key access to the equipment room is restricted to Helena, Kasper, Ula.
4. The theft required professional restoration training. Only Kasper, Bram, Helena have it among the suspects.
5. Bram's facility camera places them at a public event with hundreds of attendees from 20:45 to roughly 22:00.
6. Helena has no verifiable account of their whereabouts after 20:45.
7. Ula's locker-room sensor places them at a public event with hundreds of attendees from 20:45 to roughly 22:00.
8. Kasper's locker-room sensor places them at a documented training session from 20:45 to roughly 22:00.
9. Ines's time-clock record places them at a hospital visit from 20:45 to roughly 22:00.

10 Helena's equipment room key was activated at 20:45 at the equipment room.

A) Ines	B) Kasper	C) Helena	D) Ula	E) Bram
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CASE 03

A confidential memo was taken from the records vault of Northgate Partners during the overnight window between 19:10 and 21:15. Investigators have narrowed the field to 6 suspects: Kasimir (intern), Oren (security officer), Zinnia (legal counsel), Iolanthe (HR director), Bayan (senior engineer), Cosima (IT administrator).

Q Who took the confidential memo?

1. Bayan's security badge log places them at an offsite location from 19:10 to roughly 21:15.
2. Oren had outstanding financial debt, well-documented in HR records.
3. Cosima's elevator log places them at a documented training session from 19:10 to roughly 21:15.
4. Document-room code access to the records vault is restricted to Oren, Iolanthe, Cosima.
5. Iolanthe's elevator log places them at a remote conference from 19:10 to roughly 21:15.
6. Kasimir's security badge log places them at a remote conference from 19:10 to roughly 21:15.
7. Zinnia's printer log places them at an offsite location from 19:10 to roughly 21:15.
8. Oren's document-room code was activated at 19:10 at the records vault.
9. Oren has no verifiable account of their whereabouts after 19:10.
- 10 The corporate theft required advanced lock-picking expertise. Only Cosima, Iolanthe, Oren have . it among the suspects.

A) Cosima	B) Kasimir	C) Zinnia	D) Bayan	E) Oren	F) Iolanthe
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CASE 04

An exam answer key was taken from the staff bathroom of Brierfield Prep during the overnight window between 20:30 and 22:00. Investigators have narrowed the field to 5 suspects: Olive (department head), Talia (librarian), Leander (coach), Galina (school counselor), Bjorn (student council president).

Q Who took the exam answer key?

1. Bjorn's door sensor places them at a documented training session from 20:30 to roughly 22:00.
2. Records-room badge access to the staff bathroom is restricted to Leander, Talia, Galina.
3. The theft required social-engineering skill. Only Bjorn, Leander, Talia have it among the suspects.
4. Talia's witness statement places them at a hospital visit from 20:30 to roughly 22:00.
5. Galina's door sensor places them at a documented training session from 20:30 to roughly 22:00.
6. Leander had passed-over promotion, well-documented in HR records.
7. Olive's hallway camera places them at a public event with hundreds of attendees from 20:30 to roughly 22:00.
8. Leander has no verifiable account of their whereabouts after 20:30.
9. Leander's records-room badge was activated at 20:30 at the staff bathroom.

A) Olive	B) Talia	C) Bjorn	D) Leander	E) Galina
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Deduction Mysteries

CASE 05

The master plans were taken from the employee locker area of Brightline Industrial during the overnight window between 21:10 and 23:15. Investigators have narrowed the field to 5 suspects: Pavel (machinist), Mauro (parts clerk), Kenji (welder), Phaedra (quality inspector), Ilya (painter).

Q Who took the master plans?

1. Ilya's shop key was activated at 21:10 at the employee locker area.
2. Pavel's witness coworker places them at a remote conference from 21:10 to roughly 23:15.
3. The theft required encryption key generation. Only Ilya, Kenji, Pavel have it among the suspects.
4. Mauro's time-clock log places them at a public event with hundreds of attendees from 21:10 to roughly 23:15.
5. Phaedra's time-clock log places them at an offsite location from 21:10 to roughly 23:15.
6. Shop key access to the employee locker area is restricted to Ilya, Kenji.
7. Kenji's tool-checkout log places them at a public event with hundreds of attendees from 21:10 to roughly 23:15.
8. Ilya has no verifiable account of their whereabouts after 21:10.
9. Ilya had passed-over promotion, well-documented in HR records.

A) Ilya	B) Pavel	C) Mauro	D) Kenji	E) Phaedra
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CASE 06

A lead actor's costume was taken from the sound booth of Saint-Clair Playhouse during the overnight window between 19:30 and 21:00. Investigators have narrowed the field to 6 suspects: Kasimir (stagehand), Ula (box-office manager), Sora (understudy), Oren (costume designer), Mira (musical director), Dario (lead actor).

Q Who took the lead actor's costume?

1. Oren's props inventory log places them at an offsite location from 19:30 to roughly 21:00.
2. Ula's box-office system places them at a remote conference from 19:30 to roughly 21:00.
3. Kasimir has no verifiable account of their whereabouts after 19:30.
4. Dario's rehearsal sign-in places them at a hospital visit from 19:30 to roughly 21:00.
5. Mira's dressing-room sign-in places them at an offsite location from 19:30 to roughly 21:00.
6. A discarded note near the scene briefly suggested Ula's involvement, but it was later traced to an unrelated incident.
7. Kasimir had a documented grievance, well-documented in HR records.
8. Director's key access to the sound booth is restricted to Sora, Kasimir, Ula.
9. Sora's props inventory log places them at a documented training session from 19:30 to roughly 21:00.
10. The theft required social-engineering skill. Only Kasimir, Oren, Mira have it among the suspects.
11. Kasimir's director's key was activated at 19:30 at the sound booth.

A) Oren	B) Mira	C) Sora	D) Dario	E) Ula	F) Kasimir
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Answer Key – Deduction Mysteries

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

Case 01 A) Zephyr

- ❑ The theft required firmware manipulation, manager key, and a motivating reason.
 - ❑ Amari lacks the required firmware manipulation – cleared.
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Case 02 C) Helena

- ❑ The theft required professional restoration training, equipment-room key, and a motivating reason.
 - ❑ Bram has the skill but no equipment-room key – cleared.
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Case 03 E) Oren

- ❑ The corporate theft required advanced lock-picking expertise, document-room code, and a motivating reason.
 - ❑ Kasimir lacks the required advanced lock-picking expertise – cleared.
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Case 04 D) Leander

- ❑ The theft required social-engineering skill, records-room badge, and a motivating reason.
 - ❑ Olive lacks the required social-engineering skill – cleared.
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Case 05 A) Ilya

- ❑ The theft required encryption key generation, shop key, and a motivating reason.
 - ❑ Pavel has the skill but no shop key – cleared.
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Case 06 F) Kasimir

- ❑ The theft required social-engineering skill, director's key, and a motivating reason.
- ❑ Ula lacks the required social-engineering skill – cleared.