

Deduction Mysteries

CASE 01

A register cash was taken from the walk-in cooler of Pemberton Tavern during the overnight window between 21:10 and 23:15. Investigators have narrowed the field to 5 suspects: Stellan (head chef), Zara (host), Oren (sommelier), Aaliyah (manager), Hattie (dishwasher).

Q Who took the register cash?

1. Aaliyah's kitchen camera places them at an offsite location from 21:10 to roughly 23:15.
2. Zara's kitchen camera places them at an offsite location from 21:10 to roughly 23:15.
3. The theft required social-engineering skill. Only Zara, Stellan, Hattie have it among the suspects.
4. Cellar key access to the walk-in cooler is restricted to Hattie, Aaliyah.
5. Hattie's cellar key was activated at 21:10 at the walk-in cooler.
6. Oren's POS log places them at an offsite location from 21:10 to roughly 23:15.
7. Stellan's kitchen camera places them at an offsite location from 21:10 to roughly 23:15.
8. Hattie had outstanding financial debt, well-documented in HR records.
9. Hattie has no verifiable account of their whereabouts after 21:10.

A) Oren	B) Hattie	C) Aaliyah	D) Stellan	E) Zara
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CASE 02

A custom engine part was taken from the blueprint room of Pemberton Repair during the overnight window between 21:15 and 23:00. Investigators have narrowed the field to 5 suspects: Dimitri (quality inspector), Kalinda (electrician), Talia (parts clerk), Aurora (customer service rep), Phaedra (welder).

Q Who took the custom engine part?

1. Dimitri's shop camera places them at a documented training session from 21:15 to roughly 23:00.
2. Aurora's shop camera places them at an offsite location from 21:15 to roughly 23:00.
3. Kalinda's witness coworker places them at a documented training session from 21:15 to roughly 23:00.
4. Talia's shop key was activated at 21:15 at the blueprint room.
5. Phaedra's parts-room audit places them at a hospital visit from 21:15 to roughly 23:00.
6. Talia had outstanding financial debt, well-documented in HR records.
7. Talia has no verifiable account of their whereabouts after 21:15.
8. Shop key access to the blueprint room is restricted to Aurora, Kalinda, Talia.
9. The theft required complex schematic knowledge. Only Talia, Phaedra, Dimitri have it among the suspects.

A) Kalinda	B) Talia	C) Dimitri	D) Phaedra	E) Aurora
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CASE 03

A principal's personal file was taken from the exam preparation room of Cedarvale High during the overnight window between 21:30 and 23:00. Investigators have narrowed the field to 5 suspects: Dimah (secretary), Ronan (janitor), Finnegan (department head), Vidal (teacher), Ravi (student council president).

Q Who took the principal's personal file?

1. Vidal's staff key was activated at 21:30 at the exam preparation room.
2. A discarded note near the scene briefly suggested Dimah's involvement, but it was later traced to an unrelated incident.
3. Vidal had an ongoing dispute with management, well-documented in HR records.
4. Vidal has no verifiable account of their whereabouts after 21:30.
5. Dimah's keycard log places them at a documented training session from 21:30 to roughly 23:00.
6. Ronan's hallway camera places them at an offsite location from 21:30 to roughly 23:00.
7. Ravi's attendance log places them at a hospital visit from 21:30 to roughly 23:00.
8. Staff key access to the exam preparation room is restricted to Vidal, Dimah, Ronan.
9. The theft required complex schematic knowledge. Only Finnegan, Vidal, Dimah have it among the suspects.
- 10 Finnegan's hallway camera places them at a remote conference from 21:30 to roughly 23:00.

A) Vidal	B) Finnegan	C) Ravi	D) Dimah	E) Ronan
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CASE 04

A sealed wine bottle was taken from the pastry station of Northgate Grill during the overnight window between 21:10 and 23:00. Investigators have narrowed the field to 6 suspects: Beatrix (manager), Akira (server), Isolde (pastry chef), Alessio (sommelier), Kiran (bartender), Polina (dishwasher).

Q Who took the sealed wine bottle?

1. Polina had outstanding financial debt, well-documented in HR records.
2. Register code access to the pastry station is restricted to Polina, Isolde.
3. Polina has no verifiable account of their whereabouts after 21:10.
4. The theft required social-engineering skill. Only Polina, Kiran, Isolde have it among the suspects.
5. Alessio's front-of-house camera places them at an offsite location from 21:10 to roughly 23:00.
6. Beatrix's witness server places them at a public event with hundreds of attendees from 21:10 to roughly 23:00.
7. Akira's front-of-house camera places them at a public event with hundreds of attendees from 21:10 to roughly 23:00.
8. Polina's register code was activated at 21:10 at the pastry station.
9. Kiran's time-clock record places them at an offsite location from 21:10 to roughly 23:00.
- 10 Isolde's reservation system places them at an offsite location from 21:10 to roughly 23:00.

A) Alessio	B) Kiran	C) Polina	D) Isolde	E) Beatrix	F) Akira
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Deduction Mysteries

CASE 05

A specialized welding kit was taken from the tool crib of Pemberton Repair during the overnight window between 21:30 and 23:45. Investigators have narrowed the field to 6 suspects: Darya (painter), Ishaan (machinist), Esme (electrician), Thora (welder), Hadley (customer service rep), Hattie (parts clerk).

Q Who took the specialized welding kit?

1. Darya had a documented grievance, well-documented in HR records.
2. Darya has no verifiable account of their whereabouts after 21:30.
3. Tool-crib key access to the tool crib is restricted to Esme, Darya.
4. Thora's shop camera places them at an offsite location from 21:30 to roughly 23:45.
5. Esme's tool-checkout log places them at a public event with hundreds of attendees from 21:30 to roughly 23:45.
6. The theft required complex schematic knowledge. Only Ishaan, Thora, Darya have it among the suspects.
7. Ishaan's tool-checkout log places them at an offsite location from 21:30 to roughly 23:45.
8. Darya's tool-crib key was activated at 21:30 at the tool crib.
9. Hattie's shop camera places them at a remote conference from 21:30 to roughly 23:45.
- 10 A discarded note near the scene briefly suggested Hattie's involvement, but it was later . traced to an unrelated incident.
- 11 Hadley's door sensor places them at a documented training session from 21:30 to roughly 23:45.

A) Hadley	B) Thora	C) Darya	D) Esme	E) Hattie	F) Ishaan
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CASE 06

A rare first edition was taken from the reading room of Saint-Clair Collection during the overnight window between 21:10 and 23:00. Investigators have narrowed the field to 5 suspects: Beatrix (head librarian), Lior (visiting scholar), Hasan (custodian), Nadia (intern), Priya (archivist).

Q Who took the rare first edition?

1. Nadia's archive log places them at a public event with hundreds of attendees from 21:10 to roughly 23:00.
2. Priya has no verifiable account of their whereabouts after 21:10.
3. Priya had a documented grievance, well-documented in HR records.
4. Staff key access to the reading room is restricted to Priya, Beatrix, Hasan.
5. Lior's book-checkout record places them at a public event with hundreds of attendees from 21:10 to roughly 23:00.
6. Beatrix's security camera places them at a documented training session from 21:10 to roughly 23:00.
7. Priya's staff key was activated at 21:10 at the reading room.
8. Hasan's badge swipe places them at an offsite location from 21:10 to roughly 23:00.
9. The theft required advanced lock-picking expertise. Only Nadia, Priya, Beatrix have it among the suspects.

A) Beatrix	B) Nadia	C) Lior	D) Priya	E) Hasan
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Answer Key – Deduction Mysteries

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

Case 01 B) Hattie

- ☒ The theft required social-engineering skill, cellar key, and a motivating reason.
 - ☒ Stellan has the skill but no cellar key – cleared.
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Case 02 B) Talia

- ☒ The theft required complex schematic knowledge, shop key, and a motivating reason.
 - ☒ Dimitri has the skill but no shop key – cleared.
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Case 03 A) Vidal

- ☒ The theft required complex schematic knowledge, staff key, and a motivating reason.
 - ☒ Dimah has skill and access but a verified alibi places them offsite – cleared.
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Case 04 C) Polina

- ☒ The theft required social-engineering skill, register code, and a motivating reason.
 - ☒ Beatrix lacks the required social-engineering skill – cleared.
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Case 05 C) Darya

- ☒ The theft required complex schematic knowledge, tool-crib key, and a motivating reason.
 - ☒ Ishaan has the skill but no tool-crib key – cleared.
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Case 06 D) Priya

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