

Deduction Mysteries

CASE 01

A curator notebook was taken from the periodicals room of Pemberton Research Library between 01:30 and 03:30. The operation required specific qualifications and access. 6 suspects: Jacinta (reference librarian), Anastasia (rare-books curator), Aiko (research assistant), Olive (cataloger), Oren (custodian), Mateo (volunteer).

Q Who took the curator notebook?

1. Jacinta lacks the required professional training – confirmed by personnel records.
2. Mateo had the qualifications but was on a flight during the window – third-party verified.
3. Aiko's security camera shows continuous presence in a separate building.
4. Olive was at a documented training during the window – verified by witness patron.
5. Anastasia has all three required qualifications.
6. The theft required a custom-machined tool stocked only in equipment closet B.
7. Anastasia stated they left the building at 22:20, but the badge access record shows their reading-room pass active at 01:30.
8. Oren's door sensor shows continuous presence in a separate building.
9. Three independent requirements: professional training, staff key access, and presence at the periodicalsroom during the 01:30-03:30 window.
- 10 Aiko was seen near the microfilm area earlier that evening, but they had left the building by . 21:00 and never returned.
- 11 A trace at the scene – a custom-machined tool stocked only in equipment closet B – matches

. inventory accessible only to Anastasia.

A) Olive

B) Oren

C) Aiko

D) Jacinta

E) Anastasia

F) Mateo

CASE 02

A sealed parts shipment was taken from the tool crib of Aldermarsh Auto Works between 00:45 and 02:00. The operation required specific qualifications and access. 6 suspects: Wilder (customer service rep), Hakim (electrician), Aleksandr (machinist), Rhys (shop manager), Thora (apprentice), Juno (painter).

Q Who took the sealed parts shipment?

1. The theft required a unique encryption signature traceable to internal-only training.
2. Aleksandr lacks the required professional expertise – confirmed by personnel records.
3. A trace at the scene – a unique encryption signature traceable to internal-only training – matches inventory accessible only to Rhys.
4. Juno had the qualifications but was hospitalized during the window – third-party verified.
5. Wilder was seen near the customer pickup bay earlier that evening, but they had left the building by 21:05 and never returned.
6. Thora lacks the required professional expertise – confirmed by personnel records.
7. Rhys has all three required qualifications.
8. Hakim had the qualifications but family was visiting during the window – third-party verified.
9. Wilder lacks the required professional expertise – confirmed by personnel records.
- 10 Rhys stated they left the building at 23:10, but the elevator log shows their tool-crib key . active at 00:45.
- 11 Three independent requirements: professional expertise, shop key access, and presence at the . tool crib during the 00:45-02:00 window.

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CASE 03

A reference card index was taken from the special collections room of Saint-Clair Collection between 00:45 and 02:45. The operation required specific qualifications and access. 6 suspects: Yvonne (intern), Adrian (head librarian), Kai (archivist), Hakim (research assistant), Quentin (custodian), Zinnia (rare-books curator).

Q Who took the reference card index?

1. Three independent requirements: professional certification, reading-room pass access, and presence at the special collections room during the 00:45-02:45 window.
2. Adrian stated they left the building at 23:10, but the elevator log shows their archive badge active at 00:45.
3. Kai had the qualifications but family was visiting during the window – third-party verified.
4. Hakim was at a documented hospital appointment during the window – verified by archive log.
5. Zinnia was seen near the microfilm area earlier that evening, but they had left the building by 20:15 and never returned.
6. Yvonne's reading-room pass was revoked two weeks prior; archived access list confirms.
7. A trace at the scene – a custom-machined tool stocked only in equipment closet B – matches inventory accessible only to Adrian.
8. Adrian has all three required qualifications.
9. Quentin lacks the required professional certification – confirmed by personnel records.
- 10 The theft required a custom-machined tool stocked only in equipment closet B.

11 Zinnia's book-checkout record shows continuous presence in a separate building.
 A) Quentin B) Yvonne C) Kai D) Adrian E) Zinnia F) Hakim

CASE 04

A machine shop key set was taken from the main shop floor of Saint-Clair Machining between 00:15 and 02:30. The operation required specific qualifications and access. 7 suspects: Tariq (machinist), Kasper (welder), Arjun (apprentice), Damaris (master mechanic), Iolanthe (electrician), Kiran (parts clerk), Tess (shop manager).

Q Who took the machine shop key set?

1. Damaris lacks the required professional expertise – confirmed by personnel records.
2. Tess's shop key was revoked two weeks prior; archived access list confirms.
3. Tariq was at a documented training during the window – verified by witness coworker.
4. Kiran was seen near the blueprint room earlier that evening, but they had left the building by 20:05 and never returned.
5. A trace at the scene – a unique encryption signature traceable to internal-only training – matches inventory accessible only to Arjun.
6. The theft required a unique encryption signature traceable to internal-only training.
7. Iolanthe had the qualifications but family was visiting during the window – third-party verified.
8. Kasper had the qualifications but was hospitalized during the window – third-party verified.
9. Arjun has all three required qualifications.
- 10 Kiran's shop key was revoked two weeks prior; archived access list confirms.
- 11 Three independent requirements: professional expertise, shop key access, and presence at the . main shop floor during the 00:15-02:30 window.
- 12 Arjun stated they left the building at 22:10, but the door sensor history shows their parts- . room code active at 00:15.

Deduction Mysteries

CASE 05

The laptop with trade secrets were taken from the filing cabinet of Northgate Partners between 02:00 and 04:00. The operation required specific qualifications and access. 6 suspects: Anand (senior engineer), Darya (CFO), Vera (security officer), Ravi (executive assistant), Priya (IT administrator), Quentin (HR director).

Q Who took the laptop with trade secrets?

1. Priya's employee badge was revoked two weeks prior; archived access list confirms.
2. Anand was seen near the records vault earlier that evening, but they had left the building by 21:30 and never returned.
3. Anand had the qualifications but was on a flight during the window – third-party verified.
4. Three independent requirements: professional expertise, employee badge access, and presence at the filing cabinet during the 02:00-04:00 window.
5. Ravi lacks the required professional expertise – confirmed by personnel records.
6. Darya's printer log shows continuous presence in a separate building.
7. Quentin's employee badge was revoked two weeks prior; archived access list confirms.
8. The corporate theft required a digital certificate issued only to senior staff.
9. Vera stated they left the building at 22:45, but the parking-lot camera shows their admin credentials active at 02:00.
- 10 Vera has all three required qualifications.
- 11 A trace at the scene – a digital certificate issued only to senior staff – matches inventory

. accessible only to Vera.

A) Ravi	B) Darya	C) Quentin	D) Vera	E) Anand	F) Priya
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CASE 06

The tax records were taken from the research area of Northgate Estate Archive between 01:15 and 03:45. The operation required specific qualifications and access. 6 suspects: Amari (conservation specialist), Beatrix (genealogist), Leila (head archivist), Yvonne (researcher), Zinnia (records administrator), Oren (volunteer).

Q Who took the tax records?

1. Zinnia's research-room pass was revoked two weeks prior; archived access list confirms.
2. Amari had the qualifications but family was visiting during the window – third-party verified.
3. Amari was seen near the research area earlier that evening, but they had left the building by 20:00 and never returned.
4. Oren lacks the required professional certification – confirmed by personnel records.
5. Three independent requirements: professional certification, research-room pass access, and presence at the research area during the 01:15-03:45 window.
6. Beatrix stated they left the building at 23:30, but the badge access record shows their vault key active at 01:15.
7. Leila lacks the required professional certification – confirmed by personnel records.
8. Beatrix has all three required qualifications.
9. The theft required a unique encryption signature traceable to internal-only training.
- 10 A trace at the scene – a unique encryption signature traceable to internal-only training – matches inventory accessible only to Beatrix.
- 11 Yvonne lacks the required professional certification – confirmed by personnel records.

Answer Key – Deduction Mysteries

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

Case 01 E) Anastasia

- ☒ Three requirements (professional training, staff key, presence at the periodicals room during the 01:30-03:30 window) plus a technical trace narrow this case.
 - ☒ Jacinta eliminated by alibi or missing qualification.
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Case 02 D) Rhys

- ☒ Three requirements (professional expertise, shop key, presence at the tool crib during the 00:45-02:00 window) plus a technical trace narrow this case.
 - ☒ Wilder eliminated by alibi or missing qualification.
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Case 03 D) Adrian

- ☒ Three requirements (professional certification, reading-room pass, presence at the special collections room during the 00:45-02:45 window) plus a technical trace narrow this case.
 - ☒ Yvonne eliminated by alibi or missing qualification.
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Case 04 B) Arjun

- ☒ Three requirements (professional expertise, shop key, presence at the main shop floor during the 00:15-02:30 window) plus a technical trace narrow this case.
 - ☒ Tariq eliminated by alibi or missing qualification.
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Case 05 D) Vera

- ☒ Three requirements (professional expertise, employee badge, presence at the filing cabinet during the 02:00-04:00 window) plus a technical trace narrow this case.
 - ☒ Anand eliminated by alibi or missing qualification.
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Case 06 D) Beatrix

- ☒ Three requirements (professional certification, research-room pass, presence at the research area during the 01:15-03:45 window) plus a technical trace narrow this case.
- ☒ Amari eliminated by alibi or missing qualification.