

Deduction Mysteries

CASE 01

A sealed reagent was taken from the sample storage of Helix Bioresearch between 15:30 and 18:10. Only four staff members had access during that window: Hattie (lab technician), Bram (graduate student), Mauro (equipment manager), Bjorn (undergraduate volunteer).

Q Who swapped the sealed reagent?

1. Bram stated they were on a coffee run, but no witnesses or cameras can confirm this.
2. The freezer access log confirms Bjorn was at the cold-storage freezer the entire time.
3. Security camera footage shows Mauro at the reception between 15:30 and 18:10.
4. The clean-room entry log confirms Hattie was at the glove box the entire time.
5. Only the four staff members had lab badge access to the sample storage during the window.

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| A) Bjorn | B) Bram | C) Mauro | D) Hattie |
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CASE 02

A test specimen was taken from the cleanroom of Caelum Labs between 16:00 and 18:45. Only four staff members had access during that window: Hattie (graduate student), Rosalind (safety officer), Tariq (clinical coordinator), Darya (undergraduate volunteer).

Q Who swapped the test specimen?

1. Only the four staff members had freezer key access to the cleanroom during the window.
2. Darya's freezer key log shows continuous activity at the remote office from 16:00 to 18:45.
3. Security camera footage shows Tariq at the elevator landing between 16:00 and 18:45.
4. Security camera footage shows Rosalind at the elevator landing between 16:00 and 18:45.
5. Hattie stated they were reviewing files at their desk, but no witnesses or cameras can confirm this.

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| A) Tariq | B) Rosalind | C) Hattie | D) Darya |
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CASE 03

A genealogy register was taken from the research area of Saint-Clair Historical Society between 15:40 and 18:15. Only four staff members had access during that window: Hadley (volunteer), Hakim (conservation specialist), Cedric (records administrator), Katarina (administrator).

Q Who took the genealogy register?

1. Hadley's archive badge log shows continuous activity at the off-site facility from 15:40 to 18:15.
2. Security camera footage shows Cedric at the reception between 15:40 and 18:15.
3. Hakim stated they were taking a short walk, but no witnesses or cameras can confirm this.
4. Katarina's research-room pass log shows continuous activity at the remote office from 15:40 to 18:15.

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| A) Hakim | B) Hadley | C) Katarina | D) Cedric |
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CASE 04

A catering payment was taken from the outdoor patio of Helix Kitchen between 14:15 and 17:45. Only four staff members had access during that window: Oren (manager), Quincy (line cook), Pavel (pastry chef), Aiko (server).

Q Who took the catering payment?

1. Pavel stated they were reviewing files at their desk, but no witnesses or cameras can confirm this.
2. The POS log confirms Quincy was at the walk-in cooler the entire time.
3. The witness server confirms Oren was at the wine cellar the entire time.
4. The kitchen camera confirms Aiko was at the manager's office the entire time.

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| A) Aiko | B) Oren | C) Quincy | D) Pavel |
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CASE 05

A tournament prize money was taken from the coach's office of Pemberton Stadium between 15:30 and 18:45. Only four staff members had access during that window: Ilya (star player), Ula (team captain), Gemma (team statistician), Phaedra (rookie player).

Q Who took the tournament prize money?

1. Ula's equipment-room key log shows continuous activity at the remote office from 15:30 to 18:45.
2. Ilya stated they were on a coffee run, but no witnesses or cameras can confirm this.
3. Phaedra was leading a meeting during the window – confirmed by 3 colleagues.
4. The equipment sign-out confirms Gemma was at the training facility the entire time.

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| A) Ula | B) Gemma | C) Phaedra | D) Ilya |
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CASE 06

A rare coin set was taken from the climate-controlled vault of Brookfield Art Institute between 14:15 and 17:15. Only four staff members had access during that window: Aiko (art restorer), Sora (night security), Rhys (exhibition designer), Bao (curator).

Q Who took the rare coin set?

1. The door sensor confirms Bao was at the restoration lab the entire time.
2. Aiko stated they were resting in the break room, but no witnesses or cameras can confirm this.
3. Security camera footage shows Rhys at the reception between 14:15 and 17:15.
4. Sora was leading a meeting during the window – confirmed by 3 attendees.

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| A) Aiko | B) Bao | C) Sora | D) Rhys |
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NOTES

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CASE 07

A science project was taken from the principal's office of Cedarvale High between 15:00 and 18:15. Only four staff members had access during that window: Aiko (department head), Maeve (janitor), Simeon (principal), Cosima (coach).

Q Who took the science project?

1. Cosima stated they were reviewing files at their desk, but no witnesses or cameras can confirm this.
2. Only the four staff members had combination access to the principal's office during the window.
3. Maeve was leading a tour during the window – confirmed by 3 attendees.
4. Security camera footage shows Aiko at the reception between 15:00 and 18:15.
5. Security camera footage shows Simeon at the front desk between 15:00 and 18:15.

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| A) Simeon | B) Aiko | C) Cosima | D) Maeve |
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CASE 08

A calibration gauge was taken from the blueprint room of Aldermarsh Auto Works between 16:40 and 18:00. Only four staff members had access during that window: Phaedra (parts clerk), Lucia (shop manager), Cedric (master mechanic), Eira (electrician).

Q Who took the calibration gauge?

1. Eira was leading a demonstration during the window – confirmed by 4 witnesses.
2. Lucia stated they were reviewing files at their desk, but no witnesses or cameras can confirm this.
3. Only the four staff members had manager key access to the blueprint room during the window.
4. Security camera footage shows Phaedra at the reception between 16:40 and 18:00.
5. The witness coworker confirms Cedric was at the main shop floor the entire time.

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| A) Cedric | B) Phaedra | C) Eira | D) Lucia |
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CASE 09

A member roster was taken from the training pool of Aldermarsh Arena between 15:45 and 17:10. Only four staff members had access during that window: Etienne (athletic trainer), Mikael (assistant coach), Magnus (team captain), Gunnar (referee).

Q Who took the member roster?

1. Only the four staff members had team key access to the training pool during the window.
2. Etienne was leading a meeting during the window – confirmed by 7 attendees.
3. Security camera footage shows Gunnar at the main lobby between 15:45 and 17:10.
4. Magnus's equipment-room key log shows continuous activity at the remote office from 15:45 to 17:10.
5. Mikael stated they were on a coffee run, but no witnesses or cameras can confirm this.

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| A) Gunnar | B) Magnus | C) Etienne | D) Mikael |
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NOTES

Answer Key – Deduction Mysteries

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

Case 01 B) Bram

- ☒ A sealed reagent was taken from the sample storage between 15:30 and 18:10.
 - ☒ Hattie is cleared – verified alibi during the window.
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Case 02 C) Hattie

- ☒ A test specimen was taken from the cleanroom between 16:00 and 18:45.
 - ☒ Rosalind is cleared – verified alibi during the window.
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Case 03 A) Hakim

- ☒ A genealogy register was taken from the research area between 15:40 and 18:15.
 - ☒ Hadley is cleared – verified alibi during the window.
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Case 04 D) Pavel

- ☒ A catering payment was taken from the outdoor patio between 14:15 and 17:45.
 - ☒ Oren is cleared – verified alibi during the window.
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Case 05 D) Ilya

- ☒ A tournament prize money was taken from the coach's office between 15:30 and 18:45.
 - ☒ Ula is cleared – verified alibi during the window.
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Case 06 A) Aiko

- ☒ A rare coin set was taken from the climate-controlled vault between 14:15 and 17:15.
 - ☒ Sora is cleared – verified alibi during the window.
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Case 07 C) Cosima

- ☒ A science project was taken from the principal's office between 15:00 and 18:15.
 - ☒ Aiko is cleared – verified alibi during the window.
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Case 08 D) Lucia

- ☒ A calibration gauge was taken from the blueprint room between 16:40 and 18:00.
 - ☒ Phaedra is cleared – verified alibi during the window.
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Case 09 D) Mikael

- ☒ A member roster was taken from the training pool between 15:45 and 17:10.
- ☒ Etienne is cleared – verified alibi during the window.