

Deduction Mysteries

CASE 01

An enzyme batch was taken from the glove box of Caelum Labs between 13:10 and 15:10. Only four staff members had access during that window: Jian (lab technician), Quentin (visiting scientist), Helena (equipment manager), Diallo (graduate student).

Q Who swapped the enzyme batch?

1. Only the four staff members had clean-room access access to the glove box during the window.
2. Security camera footage shows Helena at the elevator landing between 13:10 and 15:10.
3. Security camera footage shows Jian at the front desk between 13:10 and 15:10.
4. Security camera footage shows Quentin at the front desk between 13:10 and 15:10.
5. Diallo stated they were reviewing files at their desk, but no witnesses or cameras can confirm this.

| | | | |
|-----------|------------|-----------|---------|
| A) Diallo | B) Quentin | C) Helena | D) Jian |
|-----------|------------|-----------|---------|

NOTES

CASE 02

A client database was taken from the secure terminal of Quartermaine & Associates between 14:20 and 17:30. Only four staff members had access during that window: Marisol (HR director), Gisela (facilities coordinator), Simeon (senior engineer), Elara (executive assistant).

Q Who took the client database?

1. Gisela stated they were on a coffee run, but no witnesses or cameras can confirm this.
2. Only the four staff members had admin credentials access to the secure terminal during the window.
3. Security camera footage shows Elara at the main lobby between 14:20 and 17:30.
4. Simeon was leading a session during the window – confirmed by 7 attendees.
5. The VPN session log confirms Marisol was at the legal archive the entire time.

| | | | |
|-----------|------------|----------|-----------|
| A) Gisela | B) Marisol | C) Elara | D) Simeon |
|-----------|------------|----------|-----------|

CASE 03

A calibration kit was taken from the PI office of Pemberton Pharmaceuticals between 15:30 and 17:00. Only four staff members had access during that window: Tariq (clinical coordinator), Kerensa (postdoctoral researcher), Vera (visiting scientist), Quentin (graduate student).

Q Who swapped the calibration kit?

1. Vera stated they were resting in the break room, but no witnesses or cameras can confirm this.
2. Tariq's lab badge log shows continuous activity at the training center from 15:30 to 17:00.
3. Security camera footage shows Quentin at the main lobby between 15:30 and 17:00.
4. Kerensa's biohazard clearance log shows continuous activity at the remote office from 15:30 to 17:00.

| | | | |
|----------|------------|---------|------------|
| A) Tariq | B) Quentin | C) Vera | D) Kerensa |
|----------|------------|---------|------------|

NOTES

Deduction Mysteries

CASE 04

A reference card index was taken from the rare books vault of Saint-Clair Collection between 16:10 and 19:45. Only four staff members had access during that window: Enzo (reference Librarian), Anand (volunteer), Kasimir (intern), Dimitri (archivist).

Q Who took the reference card index?

1. The archive log confirms Enzo was at the archive storage the entire time.
2. Only the four staff members had staff key access to the rare books vault during the window.
3. Security camera footage shows Dimitri at the elevator landing between 16:10 and 19:45.
4. Security camera footage shows Anand at the main lobby between 16:10 and 19:45.
5. Kasimir stated they were on a coffee run, but no witnesses or cameras can confirm this.

| | | | |
|------------|----------|------------|---------|
| A) Dimitri | B) Anand | C) Kasimir | D) Enzo |
|------------|----------|------------|---------|

NOTES

CASE 05

An illuminated codex was taken from the curator office of Pemberton Research Library between 15:30 and 17:30. Only four staff members had access during that window: Rosalind (visiting scholar), Ishaan (rare-books curator), Thora (cataloger), Simeon (volunteer).

Q Who took the illuminated codex?

1. Simeon was leading a meeting during the window – confirmed by 3 witnesses.
2. Security camera footage shows Ishaan at the elevator landing between 15:30 and 17:30.
3. Rosalind was leading a demonstration during the window – confirmed by 4 colleagues.
4. Thora stated they were taking a short walk, but no witnesses or cameras can confirm this.

| | | | |
|----------|-------------|-----------|-----------|
| A) Thora | B) Rosalind | C) Simeon | D) Ishaan |
|----------|-------------|-----------|-----------|

NOTES

CASE 06

A calibration gauge was taken from the tool crib of Aldermarsh Auto Works between 15:30 and 18:10. Only four staff members had access during that window: Eitan (quality inspector), Ines (electrician), Saoirse (parts clerk), Polina (welder).

Q Who took the calibration gauge?

1. Ines was leading a meeting during the window – confirmed by 7 colleagues.
2. Security camera footage shows Polina at the elevator landing between 15:30 and 18:10.
3. Eitan stated they were resting in the break room, but no witnesses or cameras can confirm this.
4. The door sensor confirms Saoirse was at the blueprint room the entire time.

| | | | |
|----------|---------|-----------|------------|
| A) Eitan | B) Ines | C) Polina | D) Saoirse |
|----------|---------|-----------|------------|

NOTES

Deduction Mysteries

CASE 07

A reference card index was taken from the restoration room of Quartermaine Archive between 13:40 and 15:45. Only four staff members had access during that window: Anand (research assistant), Eira (rare-books curator), Tomas (head librarian), Tatum (custodian).

Q Who took the reference card index?

1. Tomas stated they were reviewing files at their desk, but no witnesses or cameras can confirm this.
2. Security camera footage shows Eira at the reception between 13:40 and 15:45.
3. Security camera footage shows Tatum at the elevator landing between 13:40 and 15:45.
4. Security camera footage shows Anand at the elevator landing between 13:40 and 15:45.

| | | | |
|----------|---------|----------|----------|
| A) Tomas | B) Eira | C) Anand | D) Tatum |
|----------|---------|----------|----------|

NOTES

CASE 08

A principal's personal file was taken from the computer lab of Westbrook Academy between 16:40 and 18:00. Only four staff members had access during that window: Galina (school counselor), Meriel (department head), Pavel (librarian), Bram (substitute teacher).

Q Who took the principal's personal file?

1. Only the four staff members had records-room badge access to the computer lab during the window.
2. Bram stated they were resting in the break room, but no witnesses or cameras can confirm this.
3. Security camera footage shows Meriel at the front desk between 16:40 and 18:00.
4. Security camera footage shows Pavel at the main lobby between 16:40 and 18:00.
5. Galina's combination log shows continuous activity at the off-site facility from 16:40 to 18:00.

| | | | |
|----------|-----------|---------|-----------|
| A) Pavel | B) Meriel | C) Bram | D) Galina |
|----------|-----------|---------|-----------|

CASE 09

A silver chalice was taken from the restoration lab of Metropolitan Gallery between 14:45 and 17:15. Only four staff members had access during that window: Bjorn (security guard), Fenella (tour guide), Amari (night security), Noor (archivist).

Q Who took the silver chalice?

1. The elevator log confirms Amari was at the private collection room the entire time.
2. Security camera footage shows Fenella at the elevator landing between 14:45 and 17:15.
3. Noor stated they were resting in the break room, but no witnesses or cameras can confirm this.
4. Bjorn was leading a demonstration during the window – confirmed by 4 attendees.

| | | | |
|----------|------------|---------|----------|
| A) Amari | B) Fenella | C) Noor | D) Bjorn |
|----------|------------|---------|----------|

NOTES

Answer Key – Deduction Mysteries

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

Case 01 A) Diallo

- ☒ An enzyme batch was taken from the glove box between 13:10 and 15:10.
 - ☒ Jian is cleared – verified alibi during the window.
-

Case 02 A) Gisela

- ☒ A client database was taken from the secure terminal between 14:20 and 17:30.
 - ☒ Marisol is cleared – verified alibi during the window.
-

Case 03 C) Vera

- ☒ A calibration kit was taken from the PI office between 15:30 and 17:00.
 - ☒ Tariq is cleared – verified alibi during the window.
-

Case 04 C) Kasimir

- ☒ A reference card index was taken from the rare books vault between 16:10 and 19:45.
 - ☒ Enzo is cleared – verified alibi during the window.
-

Case 05 A) Thora

- ☒ An illuminated codex was taken from the curator office between 15:30 and 17:30.
 - ☒ Rosalind is cleared – verified alibi during the window.
-

Case 06 A) Eitan

- ☒ A calibration gauge was taken from the tool crib between 15:30 and 18:10.
 - ☒ Ines is cleared – verified alibi during the window.
-

Case 07 A) Tomas

- ☒ A reference card index was taken from the restoration room between 13:40 and 15:45.
 - ☒ Anand is cleared – verified alibi during the window.
-

Case 08 C) Bram

- ☒ A principal's personal file was taken from the computer lab between 16:40 and 18:00.
 - ☒ Galina is cleared – verified alibi during the window.
-

Case 09 C) Noor

- ☒ A silver chalice was taken from the restoration lab between 14:45 and 17:15.
- ☒ Bjorn is cleared – verified alibi during the window.