

Deduction Mysteries

CASE 01

An expensive welding rod was taken from the main shop floor of Brightline Industrial between 14:30 and 16:10. Only four staff members had access during that window: Xanthe (apprentice), Arjun (shop manager), Hasan (master mechanic), Mahdi (customer service rep).

Q Who took the expensive welding rod?

1. Xanthe's tool-crib key log shows continuous activity at the off-site facility from 14:30 to 16:10.
2. Mahdi stated they were resting in the break room, but no witnesses or cameras can confirm this.
3. Hasan was leading a demonstration during the window – confirmed by 3 colleagues.
4. Arjun's tool-crib key log shows continuous activity at the off-site facility from 14:30 to 16:10.

A) Mahdi	B) Arjun	C) Xanthe	D) Hasan
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CASE 02

A tournament prize money was taken from the press box of Helix Sports Complex between 14:15 and 17:45. Only four staff members had access during that window: Nizar (facilities manager), Lucia (assistant coach), Xiomara (team statistician), Polina (star player).

Q Who took the tournament prize money?

1. Security camera footage shows Xiomara at the elevator landing between 14:15 and 17:45.
2. Nizar's equipment-room key log shows continuous activity at the remote office from 14:15 to 17:45.
3. Lucia's facility badge log shows continuous activity at the off-site facility from 14:15 to 17:45.
4. Polina stated they were on a coffee run, but no witnesses or cameras can confirm this.
5. Only the four staff members had equipment-room key access to the press box during the window.

A) Lucia	B) Nizar	C) Xiomara	D) Polina
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CASE 03

The director's notes were taken from the green room of Helix Repertory between 13:45 and 15:00. Only four staff members had access during that window: Polina (director), Eira (costume designer), Tatum (understudy), Ines (box-office manager).

Q Who took the director's notes?

1. The dressing-room sign-in confirms Polina was at the costume room the entire time.
2. Tatum was leading a demonstration during the window – confirmed by 4 attendees.
3. Ines stated they were reviewing files at their desk, but no witnesses or cameras can confirm this.
4. Eira's box-office key log shows continuous activity at the off-site facility from 13:45 to 15:00.
5. Only the four staff members had backstage pass access to the green room during the window.

A) Polina	B) Eira	C) Ines	D) Tatum
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CASE 04

A rare vintage tool was taken from the tool crib of Aldermarsh Auto Works between 14:20 and 17:30. Only four staff members had access during that window: Ishaan (electrician), Tatum (customer service rep), Maeve (painter), Akhil (master mechanic).

Q Who took the rare vintage tool?

1. Maeve's tool-crib key log shows continuous activity at the training center from 14:20 to 17:30.
2. Akhil stated they were on a coffee run, but no witnesses or cameras can confirm this.
3. The witness coworker confirms Tatum was at the engine assembly area the entire time.
4. Security camera footage shows Ishaan at the reception between 14:20 and 17:30.

A) Akhil	B) Tatum	C) Ishaan	D) Maeve
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CASE 05

A lead actor's costume was taken from the catwalk of Argent Theatre between 15:10 and 17:15. Only four staff members had access during that window: Yvonne (stagehand), Anastasia (musical director), Nizar (prop master), Kasimir (director).

Q Who took the lead actor's costume?

1. Security camera footage shows Nizar at the front desk between 15:10 and 17:15.
2. Yvonne was leading a meeting during the window – confirmed by 8 colleagues.
3. Kasimir stated they were taking a short walk, but no witnesses or cameras can confirm this.
4. Anastasia was leading a demonstration during the window – confirmed by 5 attendees.

A) Kasimir	B) Nizar	C) Yvonne	D) Anastasia
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CASE 06

A special collection key was taken from the rare books vault of Pemberton Research Library between 13:30 and 15:15. Only four staff members had access during that window: Mauro (intern), Arjun (research assistant), Mateo (cataloger), Ezra (custodian).

Q Who took the special collection key?

1. The door sensor confirms Arjun was at the reading room the entire time.
2. Ezra stated they were resting in the break room, but no witnesses or cameras can confirm this.
3. Mateo was leading a meeting during the window – confirmed by 6 witnesses.
4. The archive log confirms Mauro was at the restoration room the entire time.

A) Mateo	B) Mauro	C) Arjun	D) Ezra
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Deduction Mysteries

CASE 07

The director's notes were taken from the backstage left of Helix Repertory between 13:15 and 16:30. Only four staff members had access during that window: Xanthe (lighting tech), Vidal (stage manager), Selene (understudy), Galina (costume designer).

Q Who took the director's notes?

1. The box-office system confirms Vidal was at the prop storage the entire time.
2. Galina was leading a demonstration during the window – confirmed by 8 colleagues.
3. Security camera footage shows Selene at the front desk between 13:15 and 16:30.
4. Xanthe stated they were resting in the break room, but no witnesses or cameras can confirm this.

A) Galina	B) Xanthe	C) Selene	D) Vidal
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CASE 08

A signed manuscript was taken from the rare books vault of Helix Reading Room between 14:00 and 17:45. Only four staff members had access during that window: Alessio (rare-books curator), Pavel (custodian), Aaliyah (volunteer), Tomas (research assistant).

Q Who took the signed manuscript?

1. Pavel's staff key log shows continuous activity at the off-site facility from 14:00 to 17:45.
2. The archive log confirms Aaliyah was at the curator office the entire time.
3. Tomas stated they were resting in the break room, but no witnesses or cameras can confirm this.
4. Security camera footage shows Alessio at the front desk between 14:00 and 17:45.

A) Tomas	B) Aaliyah	C) Pavel	D) Alessio
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CASE 09

An annotated copy was taken from the microfilm area of Saint-Clair Collection between 15:00 and 17:30. Only four staff members had access during that window: Mei (research assistant), Alessio (rare-books curator), Bao (reference librarian), Amelia (cataloger).

Q Who took the annotated copy?

1. Bao was leading a demonstration during the window – confirmed by 7 witnesses.
2. The badge swipe confirms Alessio was at the microfilm area the entire time.
3. Amelia's archive badge log shows continuous activity at the training center from 15:00 to 17:30.
4. Mei stated they were reviewing files at their desk, but no witnesses or cameras can confirm this.

A) Bao	B) Alessio	C) Mei	D) Amelia
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Answer Key – Deduction Mysteries

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

Case 01 A) Mahdi

- ☑ An expensive welding rod was taken from the main shop floor between 14:30 and 16:10.
 - ☑ Xanthe is cleared – verified alibi during the window.
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Case 02 D) Polina

- ☑ A tournament prize money was taken from the press box between 14:15 and 17:45.
 - ☑ Nizar is cleared – verified alibi during the window.
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Case 03 C) Ines

- ☑ The director's notes were taken from the green room between 13:45 and 15:00.
 - ☑ Polina is cleared – verified alibi during the window.
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Case 04 A) Akhil

- ☑ A rare vintage tool was taken from the tool crib between 14:20 and 17:30.
 - ☑ Ishaan is cleared – verified alibi during the window.
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Case 05 A) Kasimir

- ☑ A lead actor's costume was taken from the catwalk between 15:10 and 17:15.
 - ☑ Yvonne is cleared – verified alibi during the window.
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Case 06 D) Ezra

- ☑ A special collection key was taken from the rare books vault between 13:30 and 15:15.
 - ☑ Mauro is cleared – verified alibi during the window.
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Case 07 B) Xanthe

- ☑ The director's notes were taken from the backstage left between 13:15 and 16:30.
 - ☑ Vidal is cleared – verified alibi during the window.
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Case 08 A) Tomas

- ☑ A signed manuscript was taken from the rare books vault between 14:00 and 17:45.
 - ☑ Alessio is cleared – verified alibi during the window.
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Case 09 C) Mei

- ☑ An annotated copy was taken from the microfilm area between 15:00 and 17:30.
 - ☑ Alessio is cleared – verified alibi during the window.
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