

Fingerprint Lab

Match fingerprints found at the crime scene to suspects.

Match the print found on each **Fingerprint Card 1-8** (attached) to one of the suspects below. **To learn more** about how to match fingerprints: go to the last page. Post all results to your team thread and tell your **Lead Investigator** the results.

Dominique



There are 8 Fingerprint Evidence Cards.

Match each card to one of the suspects:

1. Found on Safe

Ethan



- 2. Found on Safe
- 3. Found on Safe
- 4. Yachts magazine:outside front cover(& outside back cover)

Rolph



- 5. **Inside** Yachts magazine Page 65 on a Private Jet.
- Front cover Yachts magazine (lower right & inside of magazine)
- 7. Flashlight (on button & near front where light is located)

Vivian



8. On Bottle of Wine

Match fingerprints found at the crime scene to suspects.

Create a thread on your team message board for "Fingerprint Results"

FINGERPRINT EVIDENCE CARD #1

This Fingerprint Was Found:
ON SAFE
Direct print taken from safe handle

- ⇒ The safe is in Ethan's office.
- ⇒ Three prints were taken from safe.
- ⇒ This is print #1
- 1. Match this print to a Suspect
- 2. Document the result on your team message board under the "Fingerprint Thread"
- 3. Tell your lead investigator
- 4. Be prepared to answer questions about this fingerprint in conversation.



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FINGERPRINT EVIDENCE CARD #2

This Fingerprint Was Found:
ON SAFE
Direct print taken from safe handle

- ⇒ The safe is in Ethan's office.
- ⇒ Three prints were taken from safe.
- ⇒ This is print #2
- 1. Match this print to a Suspect
- 2. Document the result on your team message board under the "Fingerprint Thread"
- 3. Tell your lead investigator
- 4. Be prepared to answer questions about this fingerprint in conversation.



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FINGERPRINT EVIDENCE CARD #3

This Fingerprint Was Found:
ON SAFE
Direct print taken from safe handle

- ⇒ The safe is in Ethan's office.
- ⇒ Three prints were taken from safe.
- ⇒ This is print #3
- 1. Match this print to a Suspect
- 2. Document the result on your team message board under the "Fingerprint Thread"
- 3. Tell your lead investigator
- 4. Be prepared to answer questions about this fingerprint in conversation.



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FINGERPRINT EVIDENCE CARD #4

This Fingerprint Was Found:
YACHTS INTERNATIONAL UPPER LEFT
FRONT COVER (OUTSIDE)

An additional print (unreadable) was found on the **outside** back cover upper right corner as if someone picked the magazine up with finger and possibly a thumb.

- ⇒ Magazine was found in Rolph's locker.
- 1. Match this print to a Suspect
- 2. Document the result on your team message board under the "Fingerprint Thread"
- 3. Tell your lead investigator
- 4. Be prepared to answer questions about this fingerprint in conversation.



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FINGERPRINT EVIDENCE CARD #5

This Fingerprint Was Found: **INSIDE YACHTS MAGAZINE**On picture of private jet page 65

- ⇒ Magazine was found in Rolph's locker.
- 1. Match this print to a Suspect
- 2. Document the result on your team message board under the "Fingerprint Thread"
- 3. Tell your lead investigator
- 4. Be prepared to answer questions about this fingerprint in conversation.



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FINGERPRINT EVIDENCE CARD #6

This Fingerprint Was Found:
YACHTS INTERNATIONAL FRONT COVER
LOWER RIGHT

An additional print (unreadable) was found on **INSIDE** OF MAGAZINE as if someone was opening the magazine.

- ⇒ Magazine was found in Rolph's locker.
- 1. Match this print to a Suspect
- 2. Document the result on your team message board under the "Fingerprint Thread"
- 3. Tell your lead investigator
- 4. Be prepared to answer questions about this fingerprint in conversation.



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FINGERPRINT EVIDENCE CARD #7

This Fingerprint Was Found: ON FLASHLIGHT ON "POWER BUTTON" AND TOP OF FLASHLIGHT (NEAR LIGHT)

- ⇒ Fingerprints would indicate someone holding the flashlight to strike.
- ⇒ Flashlight was found near fence with T-Shirt Fragment and Footprint.
- 1. Match this print to a Suspect
- 2. Document the result on your team message board under the "Fingerprint Thread"
- 3. Tell your lead investigator
- 4. Be prepared to answer questions about this fingerprint in conversation.



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FINGERPRINT EVIDENCE CARD #8

This Fingerprint Was Found: **ON WINE BOTTLE LABEL**

- ⇒ Wine bottle was found in Ethan's office unopened.
- 1. Match this print to a Suspect
- 2. Document the result on your team message board under the "Fingerprint Thread"
- 3. Tell your lead investigator
- 4. Be prepared to answer questions about this fingerprint in conversation.



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Use techniques below to match each Fingerprint Card (1-8) to a Suspect.

Basic Patterns



Ridges start and end on opposite sides.



"Significant Up Thrust"



The ridges start and end on the same side.



The ridges join to form a circle.

FIRST: Find & match
Basic Patterns between the
fingerprint found on the
Fingerprint Card and a
Suspect fingerprint.

NEXT Verify your Results

Match 3 Distinctive Features (shown right) to be sure of match.

Examples of Distinctive Features



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Matching a Fingerprint to a Suspect

- Step 1: Analyze the Fingerprint Card to find basic patterns and distinctive features.
- Step 2: Analyze Suspect fingerprints for Basic Patterns
 that match the Fingerprint Card, and then match
 three Distinctive Features between prints to verify.
- **Step 3:** Document on your team sub-thread "Fingerprint Results."

