

Who killed Carelton Comet?

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Events:

- **7:30** The guests were all having dinner at Chalk Hill, Carelton Comet had just got out of jail
- **7:35** Carelton Comet is stabbed in the back of his neck, slumped forward as the sky begins to clear
- **7:55** The police arrive at the scene and **5 minutes** later Carelton Comet is pronounced dead at the scene
- **9:30** The police at the lab determine two blood types were on the murder weapon. One was Carelton Comet and the other is unknown.

Blood on the Knife

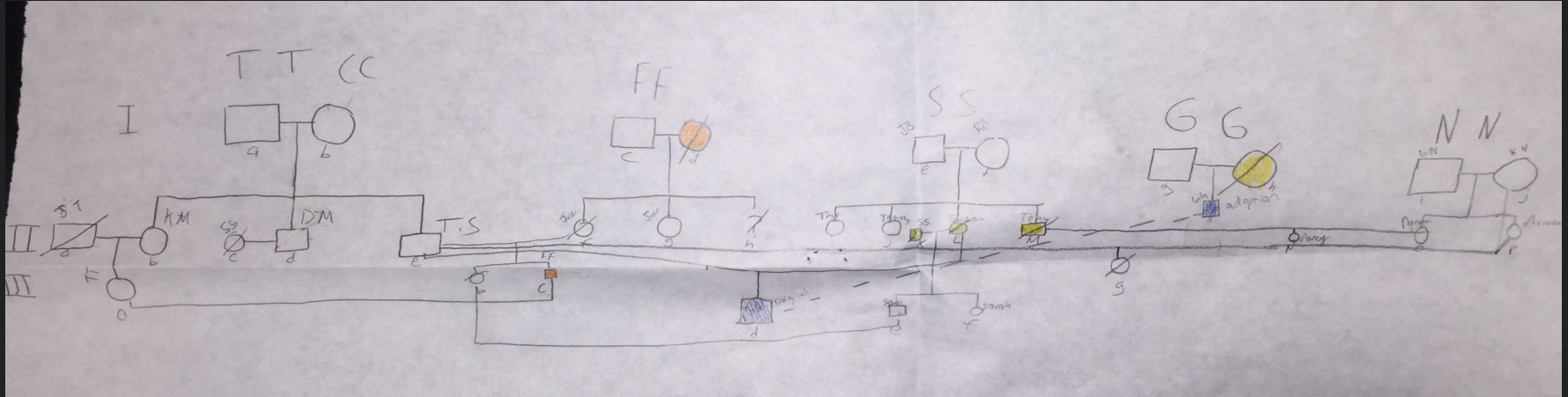
- Carleton Comet's blood was on the knife because he was the victim
- Nancy Normal's blood was on the knife because she could have cut herself while killing Carleton Comet
- While slashing Carleton's neck, Nancy's hand was cut when she held him down from his shoulder



DNA

- DNA is extracted from each suspects to find match with the two DNA pieces of found at the crime scene
- Enzymes are added to the allow DNA allow it to separate during electrophoresis
- As it separates bands are created
- These bands are match with the other samples to find a DNA match

Pedigree



- This pedigree shows the all of the suspects' families, which are all tied together by Thomas Sandstone (Carleton Comet). He had children with many women, at least one per family.

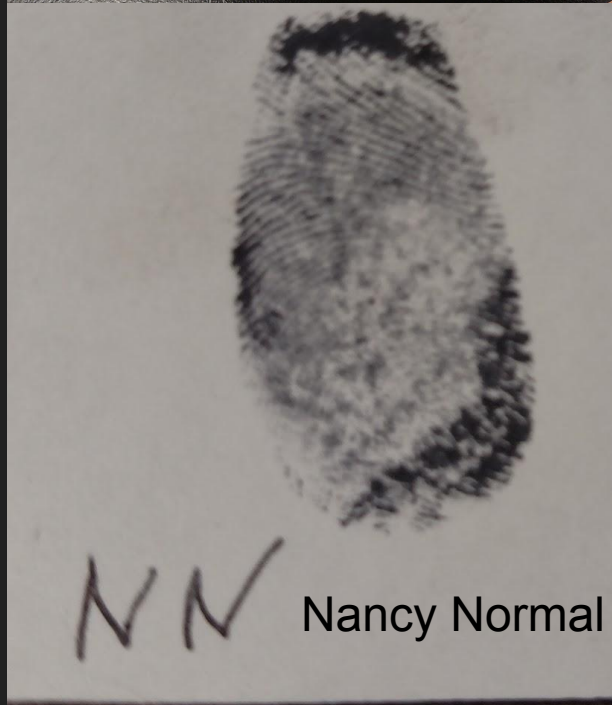
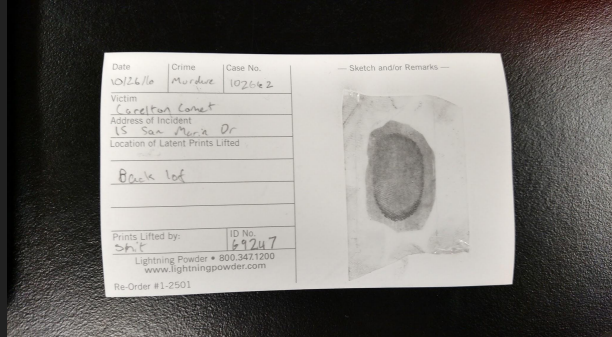
Fingerprint

These fingerprints are an exact match

because they both are loops

and the curves match

Finger print
found at crime
scene



Karyotyping: Karyotyping is a test used to check the size, shape, and number of chromosomes in a sample of body cells

Nancy Normal: Triple XXX - Taller than average, learning problems, and delayed development

Carelton Comet: Two Y's - Tall and skinny, lower IQ

Fred Flimmer and Glen Glee: Normal

Theresa Terra: Three 21 Chromosomes

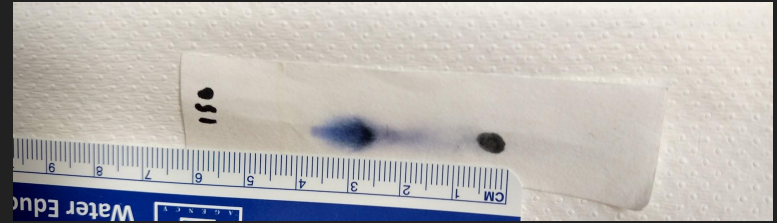
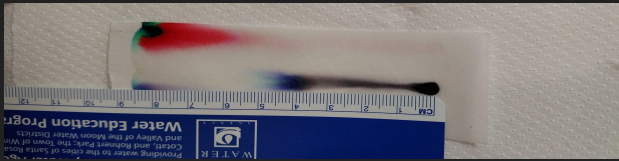
Crime Scene 1: XYY

Crime Scene 2: XXX



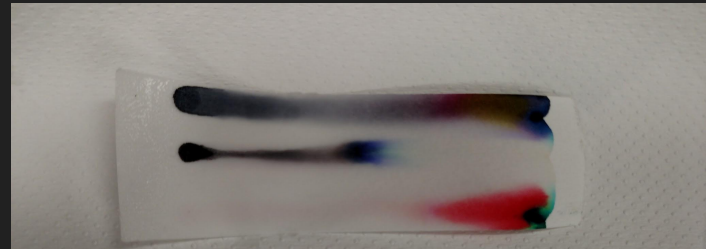
Chromatography

- A method for separating the parts of mixture of either a gas or liquid solution containing different chemicals
- Each pen contains different chemicals to obtain their color, during chromatography the chemicals and colors are separated showing the difference between pens
- This allows scientist to find an exact match



Marker evidence

Marker tested which matched evidence



Nancy Normal's Motives

- Thomas Sandstone had children with two of her aunts on both sides of her family
- Her cousin was kidnapped and murdered when she was 3 years old
- Aunt has severe depression and is permanently hospitalized
- TS killed Fred Flimmer's mother and sister
- Nancy Normal is stricken with Fred Flimmer. Fred Flimmer's father is Carleton Comet. Fred despises his murderous father.

1st Degree Murder

This crime was first degree murder because it was willful and premeditated.

Nancy wanted to kill Carleton and waiting until this night.

This night would allow her to blame it on other and bring more suspects into the investigation.