

The Zodiac Murderer was a famous serial murderer who operated in northern California between December 1968 and October 1969. The killer's identity remains unknown.

As in the case of Jack the Ripper, are recognized five canonical murders in areas of Benicia, Vallejo, Lake Berryessa and San Francisco.

#### First canonical attack

David Arthur Faraday (19 years old) and Betty Lou Jensen (16 years old). Killed by gunfire on December 20, 1968 at Lake Herman Road, on the outskirts of the city of Benicia.

#### Second canonical attack

Michael Renault Mageau (19 years old) and Darlene Elizabeth Ferrin (22 years old), shot on July 4, 1969 in Blue Rocks Springs, on the outskirts of Vallejo. Darlene died receiving first aid at the Kaiser Foundation Hospital, while Michael survived.

#### Third canonical attack

Bryan Calvin Hartnell (20 years old) and Cecilia Ann Shepard (22 years old), stabbed on September 27, 1969 in Lake Berryessa in Napa County. Bryan survived six stab wounds to the back, but Cecilia died of his wounds two days later at Queen of the Valley Hospital in Napa.

#### Fourth canonical attack

Paul Lee Stine (29 years old), a professional driver, killed by gunfire on October 11, 1969 in Presidio Heights, San Francisco.

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The April 20, 1970, the murderer sent the following letter to the San Francisco Chronicle for two sheets. The coded message was never resolved:

([http://en.wikisource.org/wiki/Zodiac\\_Killer\\_letters](http://en.wikisource.org/wiki/Zodiac_Killer_letters)).

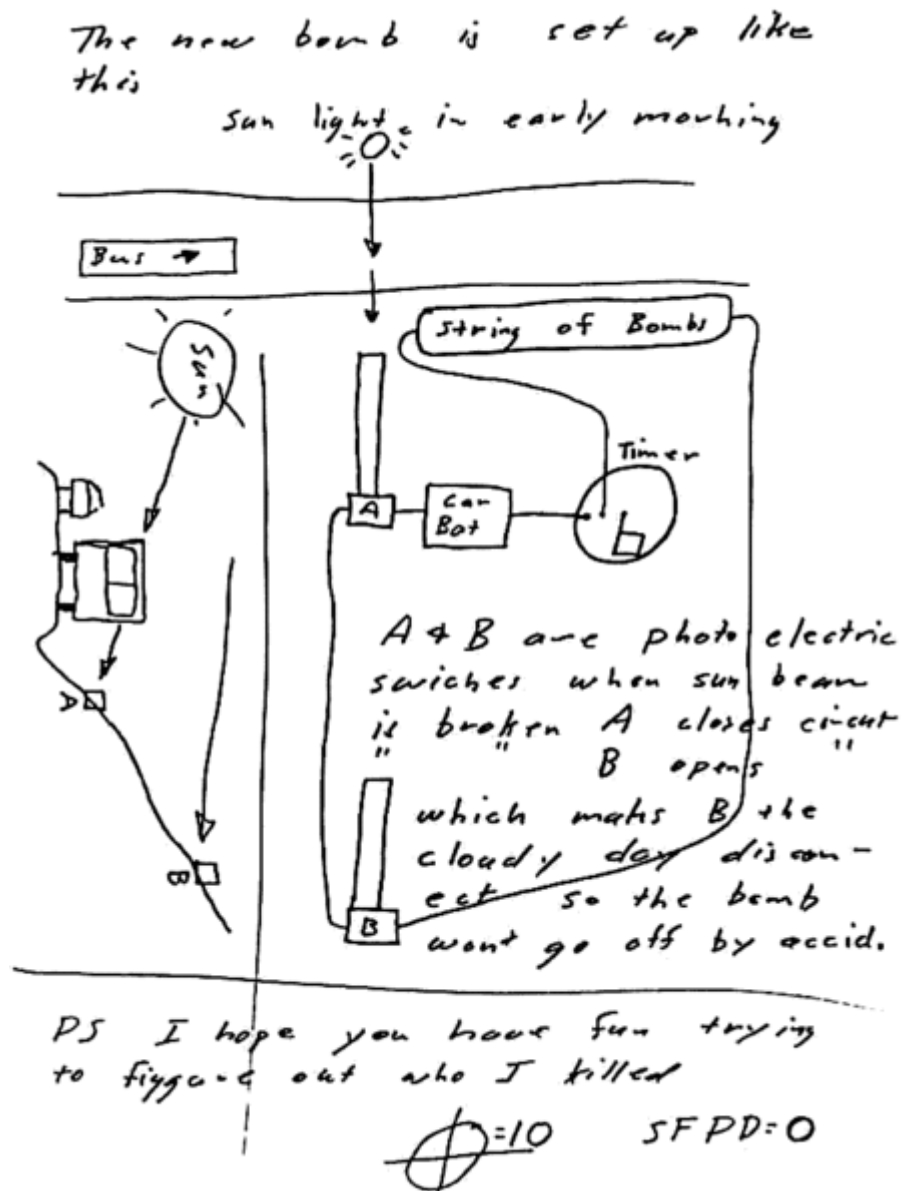
First page

This is the Zodiac speaking  
By the way have you cracked  
the last cipher I sent you?  
My name is —

A E N ⊕ ⊗ K ⊗ M ⊗ ∪ N A M

I am mildly cerous as to how  
much money you have on my  
head now. I hope you do not  
think that I was the one  
who wiped out that blue  
meannie with a bomb at the  
cop station. Even though I talked  
about killing school children with  
one. It just wouldn't doo to  
move in on someone elses territory.  
But there is more glory in killing  
a cop than a cid because a cop  
can shoot back. I have killed  
ten people to date. It would  
have been a lot more except  
that my bas bomb was a dud.  
I was swamped out by the  
roin we had a white back.

Second page



The second page of the letter showed the map of a bomb that the murderer was to be used to blow up a school bus. At the end of the letter signed:

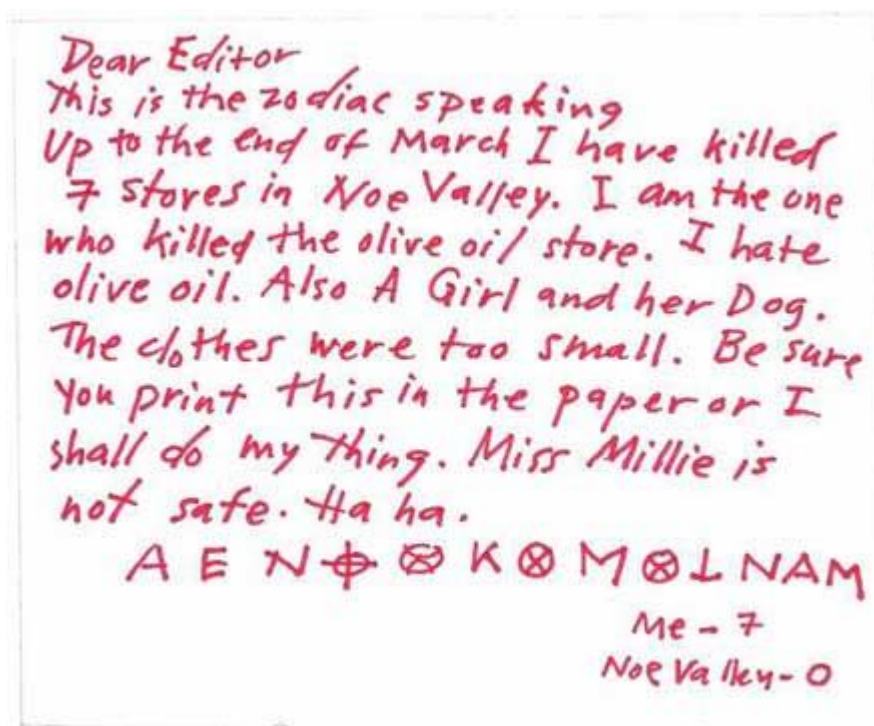
Zodiac killer 10 – San Francisco Police Department 0

Then as mere logical exercise, we try to solve the following coded message:



A E N ⊕ ⊗ K ⊗ M ⊗ L N A M  
Me - 7  
Noe Valley - 0

We note that this coded message was repeated in another letter.



Dear Editor  
This is the zodiac speaking  
Up to the end of March I have killed  
7 stores in Noe Valley. I am the one  
who killed the olive oil store. I hate  
olive oil. Also A Girl and her Dog.  
The clothes were too small. Be sure  
You print this in the paper or I  
shall do my thing. Miss Millie is  
not safe. Ha ha.  
A E N ⊕ ⊗ K ⊗ M ⊗ L N A M  
Me - 7  
Noe Valley - 0

This was the only cryptogram sent twice.



My name is \_\_\_\_\_

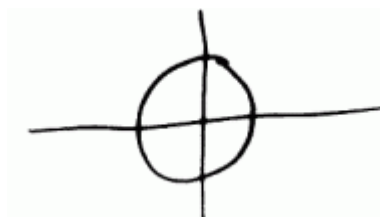


It should be noted that the encryption someone who has made their own codes, and you have to adjust to them. Do not study with standard techniques, and expect to find a perfect method.

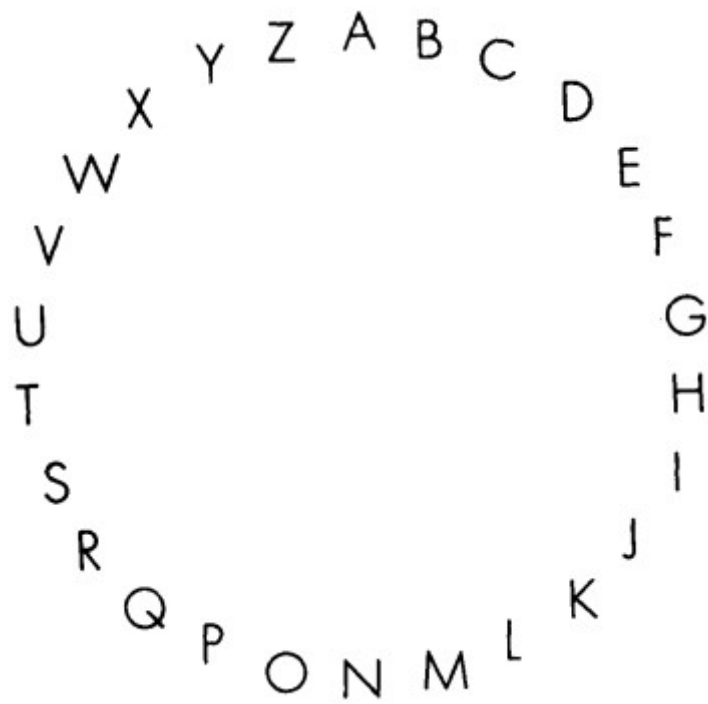
The murderer was referring to his name.

Therefore, in this message there are missing letters.

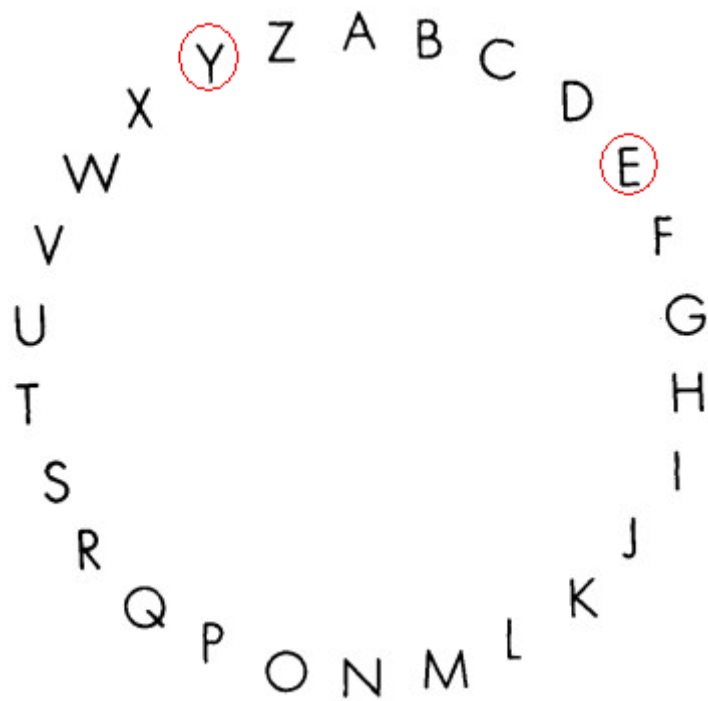
It is missing the letter E in "NAM", and it is missing the letter "Y" in "M".



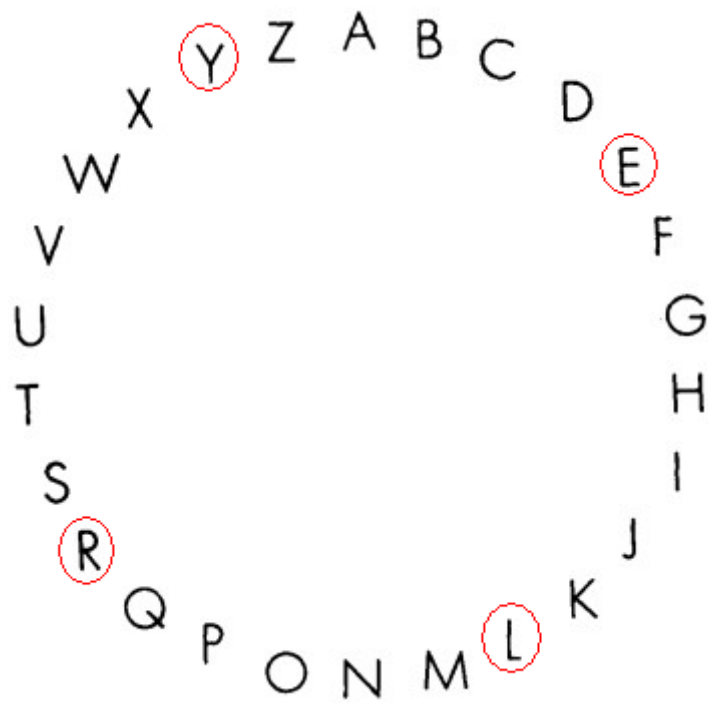
Why not locate the letters in a circle?



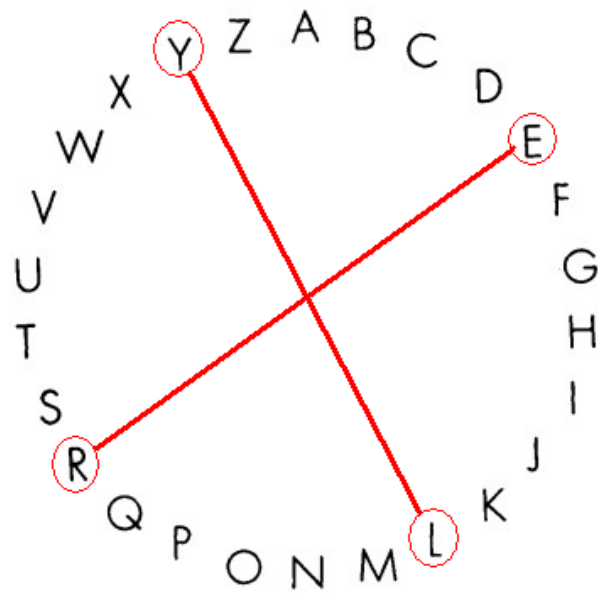
Letter Y and E.



What about if we formed a zodiac?



The Zodiac:



Sure, this is the symbol:



Then, the missing letters are Y, E, L and R.

The symbol:



It is a word separator.

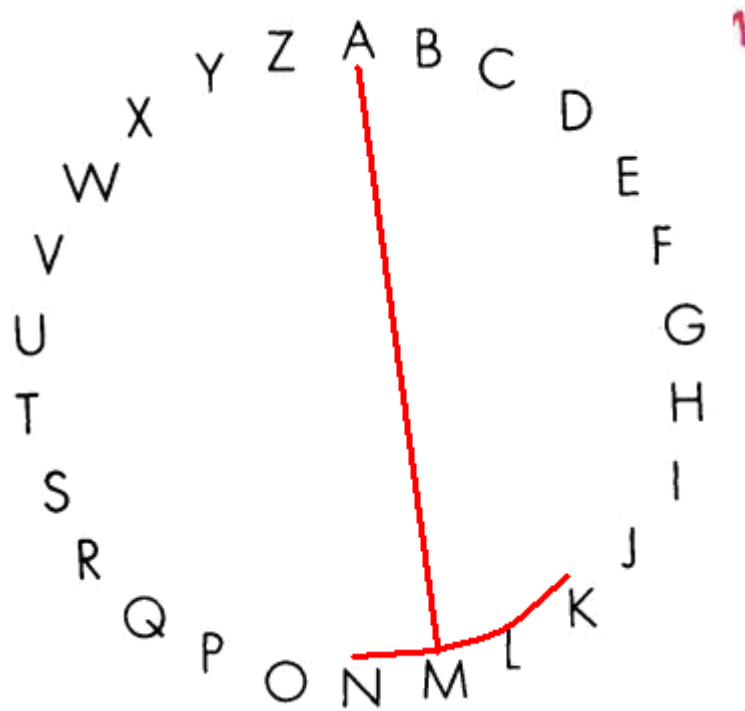


And the another symbol?

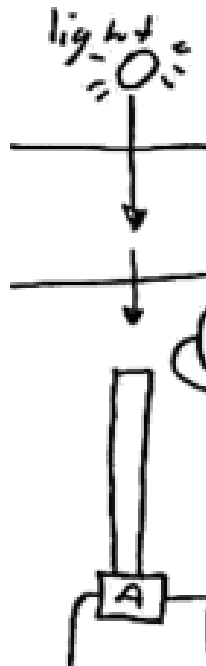


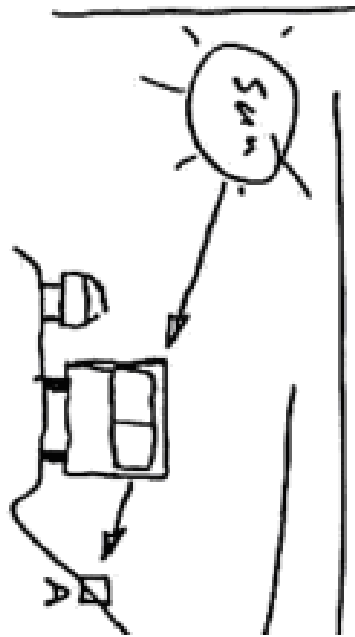
This is a portion of a circle.



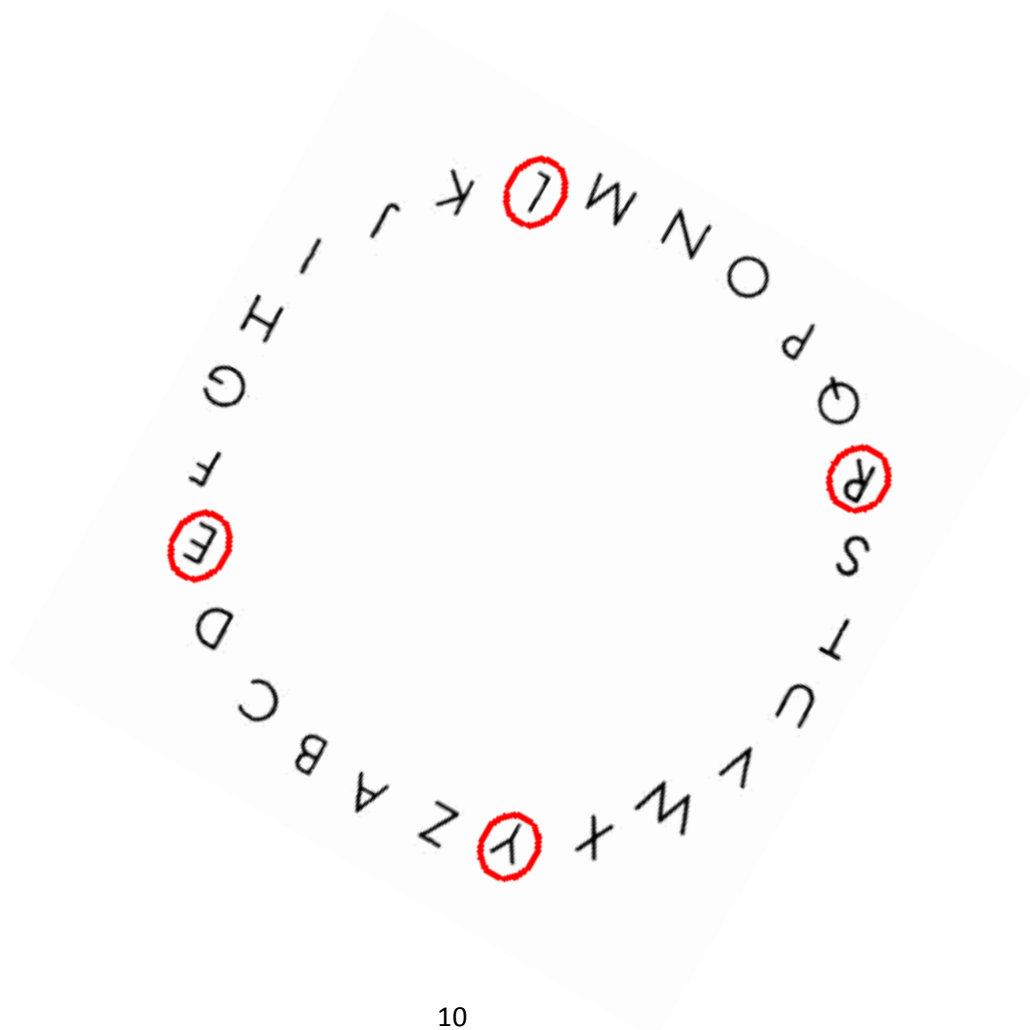


The first Word starts with an A, the second with a K, the third with a M, and the fourth with a N. The vertices of the segments.

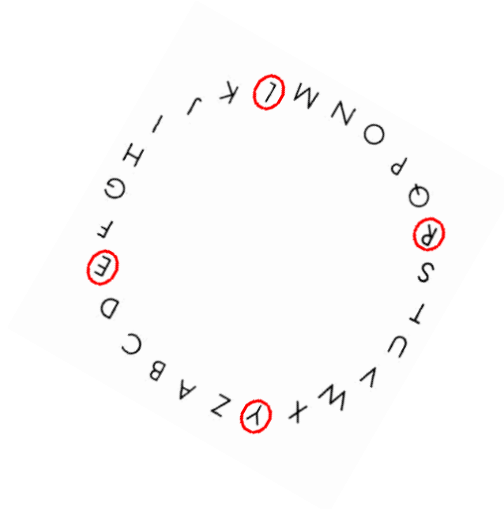




Placing the letter A down and turning the figure:



We have a Zodiac.



Then, the first word is missing a L.

The second word is missing a R.

The third word is missing a Y.

The fourth word is missing a E.

What is the message?

ALLEN /  / KR / MY / NAME

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ALLEN

ZODIAC KILLER

MY

NAME

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