

Instructions

Write a 1500-word paper with a focus on a mathematician **Euclid** and here are some of his theorems.

- A. *Sum of the Angles of a Triangle*
- B. *Isosceles Triangle Theorem*
- C. *Product of Segments of Chords*

Guidelines, please follow and fulfill all of them.

1. **At most** one third of the essay can be biographical information not more than that.
2. Include a summary of a few fields the mathematician worked in.
 - a. Some questions to consider:

When and how did the fields start? Who else was active in the area? What were questions they were considering at the time?

3. Two or three major theorems or problems solved by the mathematician should be discussed in detail. This should be aided by examples and/or pictures.
 - a. Some questions to consider:

Did the theorems link seemingly unrelated fields? Did they answer questions posed by other mathematicians? Are there any applications outside of math? Did the theorems generalize known theorems? If so, how do they compare?

4. A small paragraph should be dedicated to the recent state of a field the mathematician worked on, and the broader impact the mathematician had on it.

Figures and pictures are strongly encouraged.

Follow MLA for citations.