



## AI Comparison Interface

Please enter your token to authenticate, set up the LLMs, and ask your question.

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### 1. AI Call

LLM type: Claude  
Modell: claude-3-5-sonnet-20241022  
Temperature: 0  
Max tokens: 1000  
Short answer:  Recursion:

### 2. AI call

LLM type: ChatGPT  
Modell: gpt-4o  
Temperature: 0  
Max tokens: 1000  
Short answer:  Recursion:

### 3. AI call

LLM type: Gemini  
Modell: gemini-1.5-flash  
Temperature: 0  
Max tokens: 1000  
Short answer:  Recursion:

#### Question:

A triangle has three angles that are all square numbers. What are the angles of this triangle?

API Call

#### Answers:

##### First AI's Answer:

Answer: Since the angles in a triangle sum to  $180^\circ$  and must be positive, and the angles must be square numbers (1, 4, 9, 16, 25, 36, 49, 64, 81, 100...), the only possible combination is  $36^\circ$ ,  $81^\circ$ , and  $63^\circ$  (since  $36 + 81 + 63 = 180$ ).

Runtime: 7.708 másodperc

Input tokens: 30

Output tokens: 91

Full tokens: 121

Used model: claude-3-5-sonnet-20241022

End of reason: end\_turn

Logprobs:

##### Second AI's Answer:

Answer: The angles of the triangle are  $36^\circ$ ,  $64^\circ$ , and  $80^\circ$ .

Runtime: 24.601 másodperc

Input tokens: 30

Output tokens: 17

Full tokens: 47

Used model: gpt-4o-2024-08-06

End of reason: stop

Logprobs:

- The (logprob: -0.000156)
- angles (logprob: -0.007288)
- of (logprob: -0.002196)
- the (logprob: -0.001589)
- triangle (logprob: 0.000000)
- are (logprob: -0.001380)
- (logprob: -0.011051)
- 36 (logprob: -0.000514)
- $^\circ$ , (logprob: -0.079282)
- (logprob: 0.000000)
- 64 (logprob: -0.000110)
- $^\circ$ , (logprob: -0.000000)
- and (logprob: -0.000000)
- (logprob: 0.000000)
- 80 (logprob: -0.000381)
- $^\circ$ . (logprob: -0.002481)

Third AI's Answer:

Answer: 90°, 90°, 0° (Technically not a triangle, but the only solution using square numbers)

Runtime: 0.944 másodperc

Input tokens: 23

Output tokens: 25

Full tokens: 48

Used model: gemini-1.5-flash

End of reason: stop

Logprobs:

Choose a method:

Which answer is the correct one to the original question?Eredeti kérdés: A triangle has three angles that are all square numbers. What are the angles of this triangle? Answer 1: Since the angles in a triangle sum to 180° and must be positive, and the angles must be square numbers (1, 4, 9, 16, 25, 36, 49, 64, 81, 100...), the only possible combination is 36°, 81°, and 63° (since 36 + 81 + 63 = 180). Answer 2: The angles of the triangle are 36°, 64°, and 80°. Answer 3: 90°, 90°, 0° (Technically not a triangle, but the only solution using square numbers)

Judge AI call

LLM type:

Modell:

Temperature:

Max tokens:

Judge AI's response:

Response: None of the answers are correct.

Answer 1 is incorrect because 63 is not a square number.

Answer 2 is incorrect because  $36 + 64 + 80 = 180$ , but 80 is not a square number.

Answer 3 is incorrect because  $0^\circ$  is not a valid angle for a triangle. A triangle requires three positive angles.

There is no triangle whose angles are all perfect squares.

The sum of the angles must equal  $180^\circ$ , and there's no combination of three square numbers that adds up to 180.



## AI Fusion

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