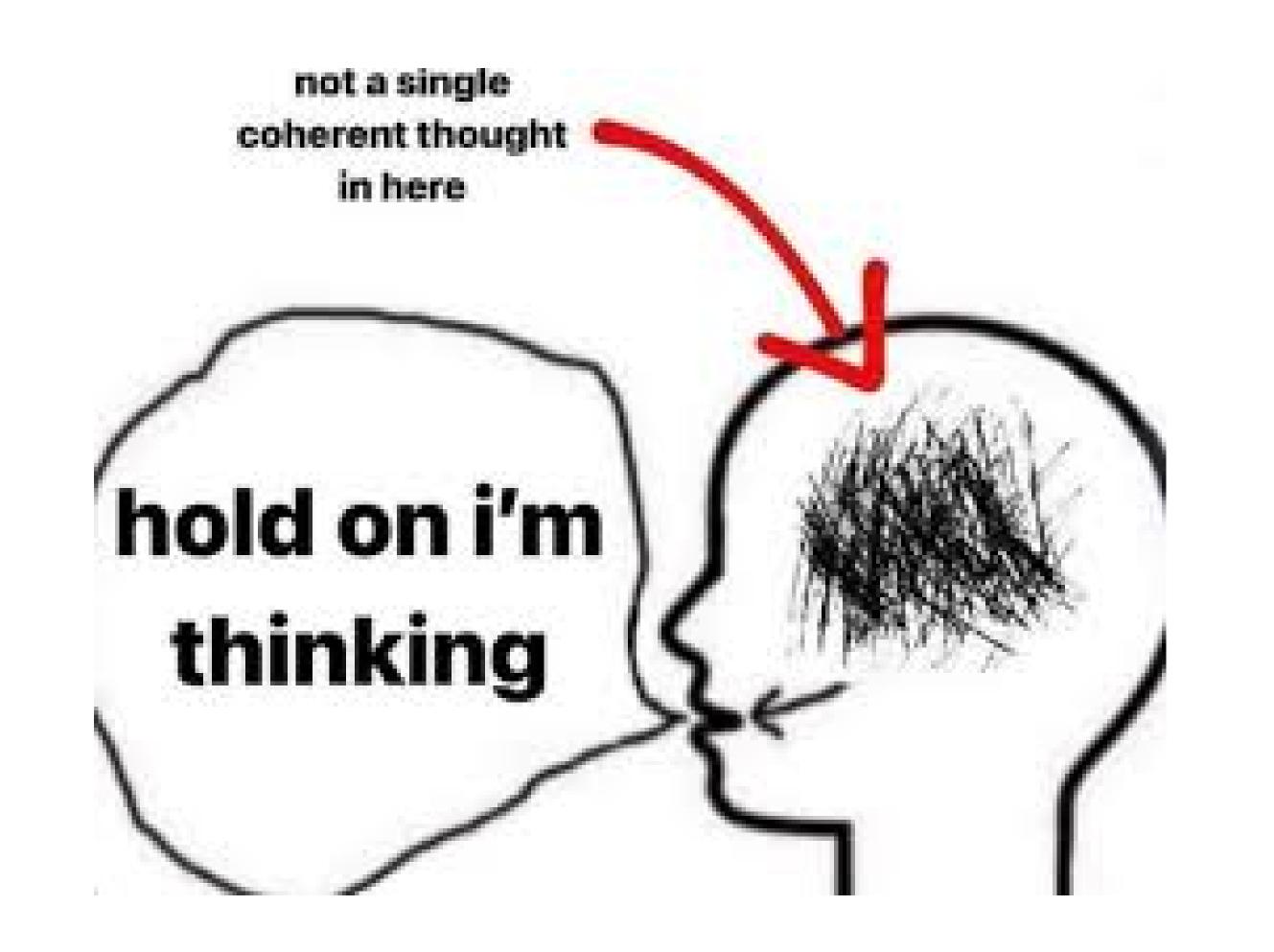
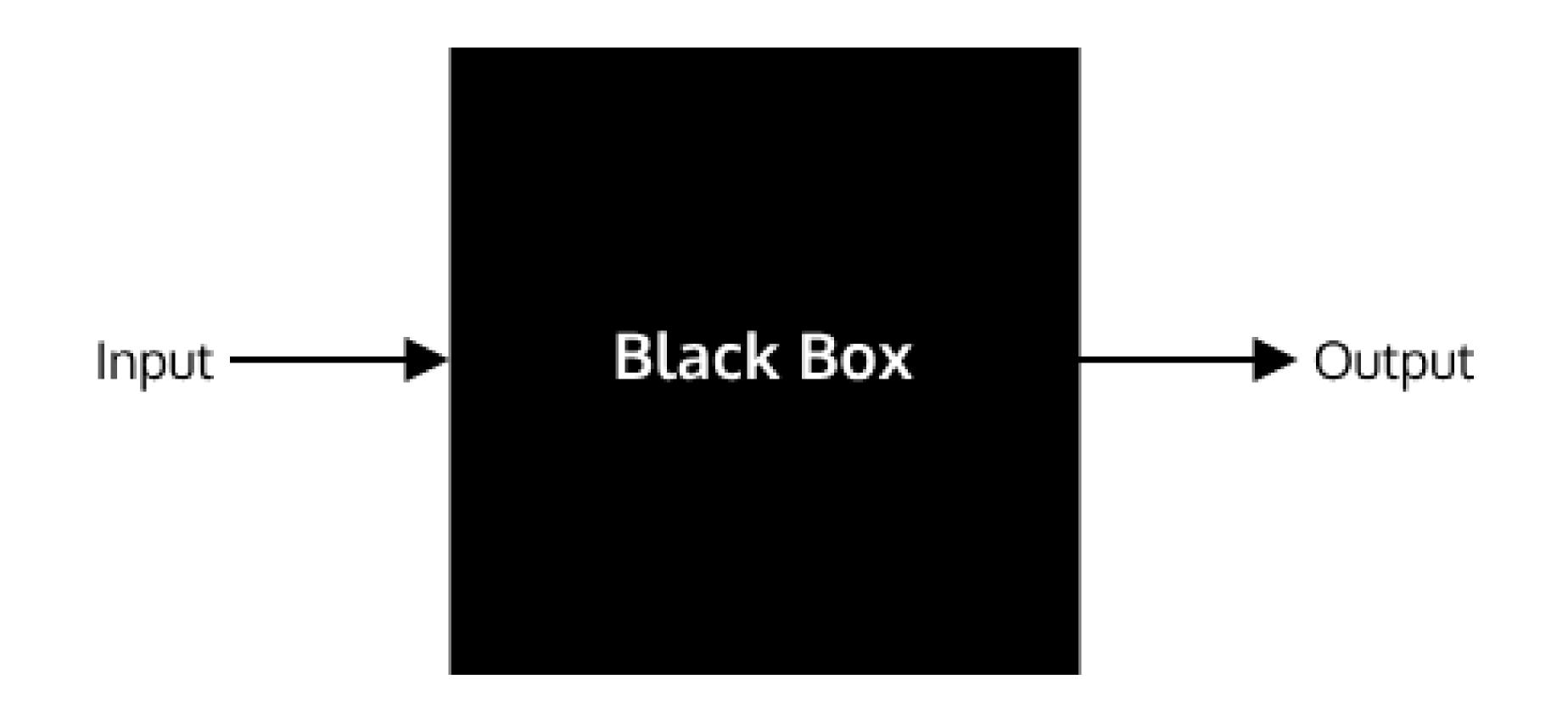
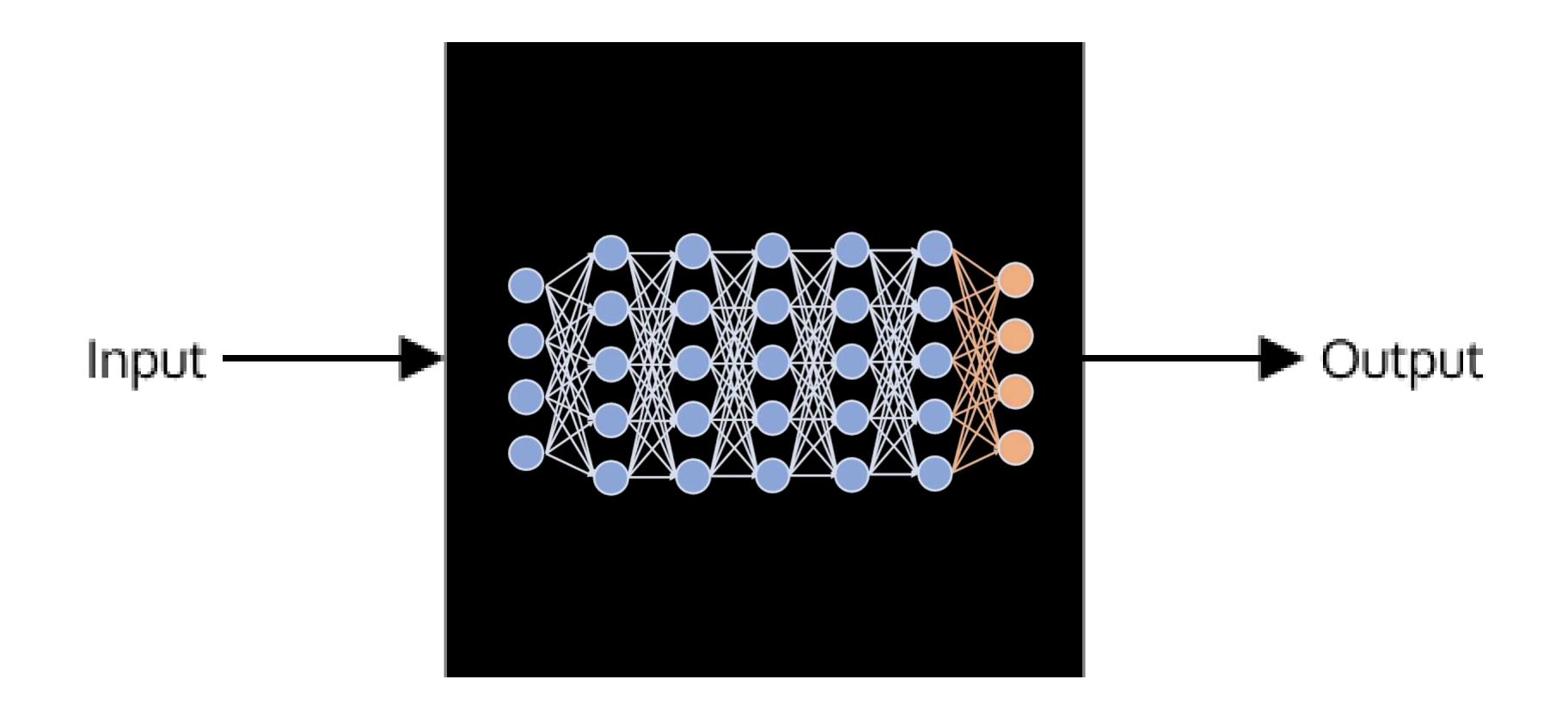
What's Inside the Box: Transparency in LLMs



by Alosh Denny,I make & break LLMs









What we don't know!

"What's 13 x 13?" →

What we assume:

"What's 13 x 13?" -----

What we assume:

I'll multiply the ones place: 3x3 = 9

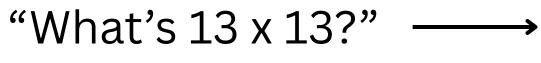
"What's 13 x 13?" -----

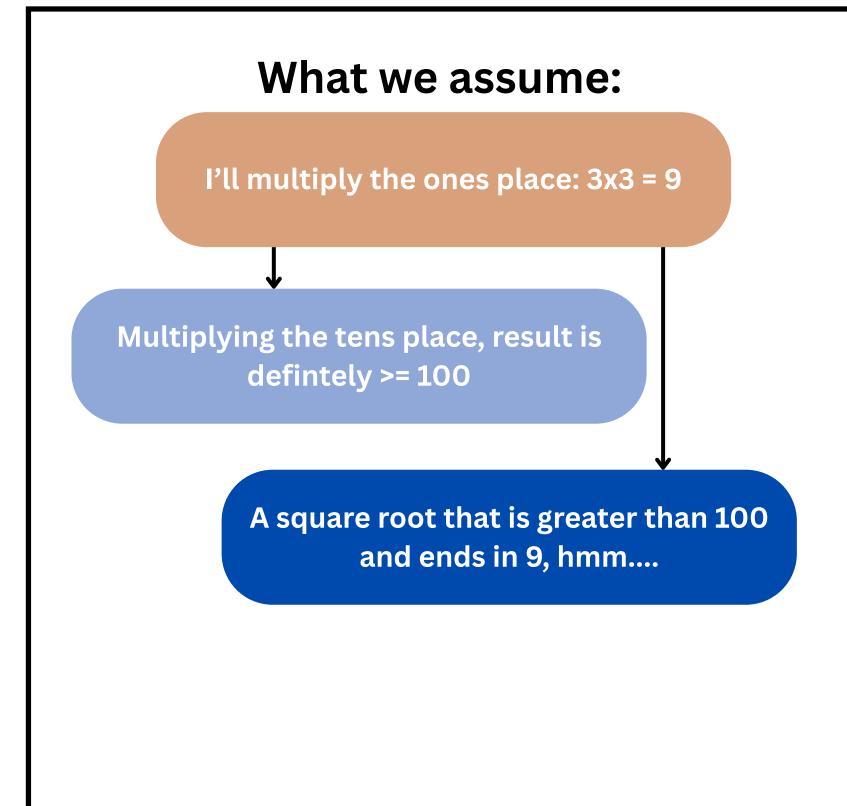


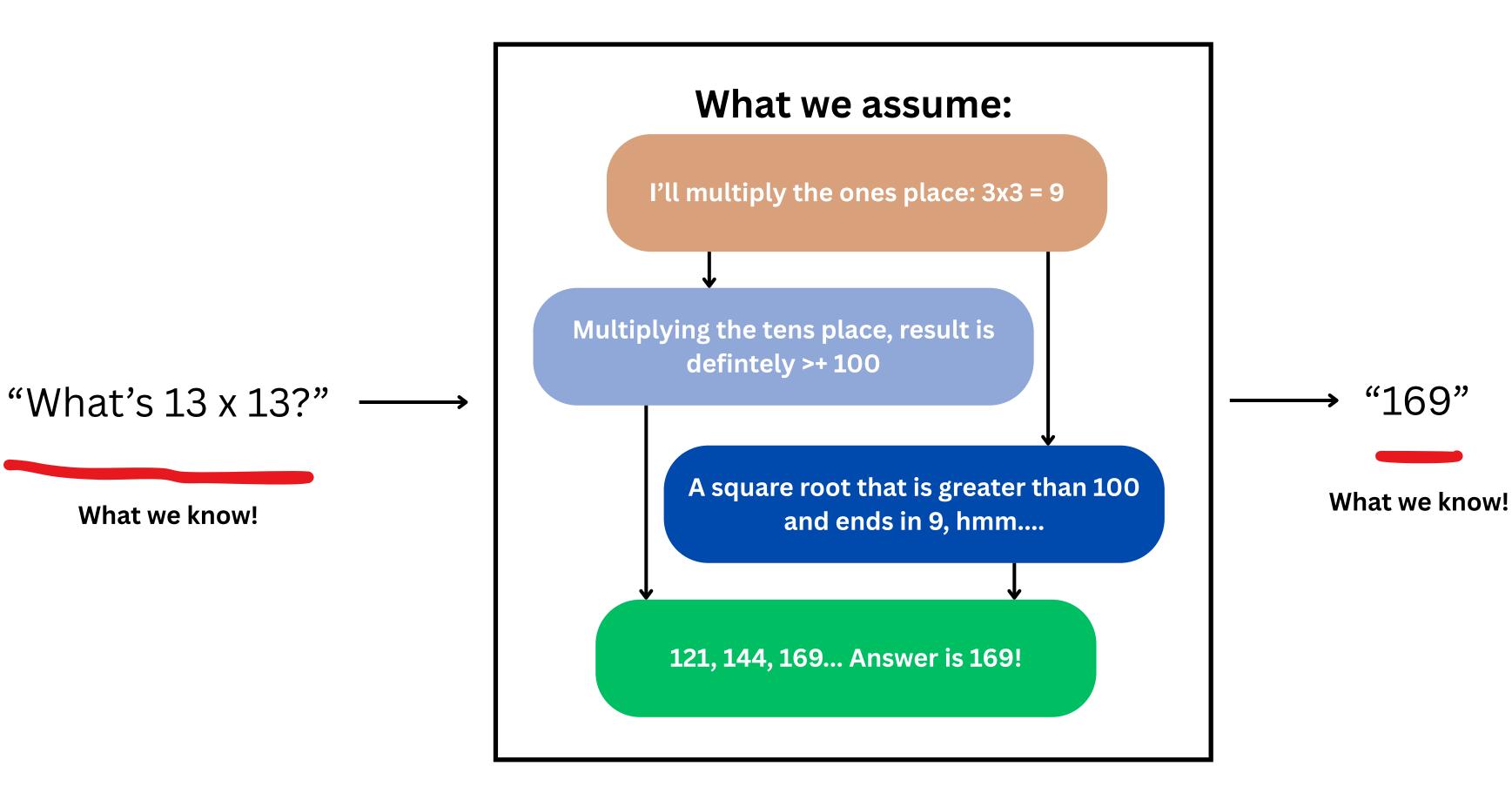
I'll multiply the ones place: 3x3 = 9

Multiplying the tens place, result is defintely >= 100

"What's 13 x 13?" →







What we know!

"169"

CIRCUITS

(not the electricity thingy)

Tracing an LLM's "circuit of reasoning"

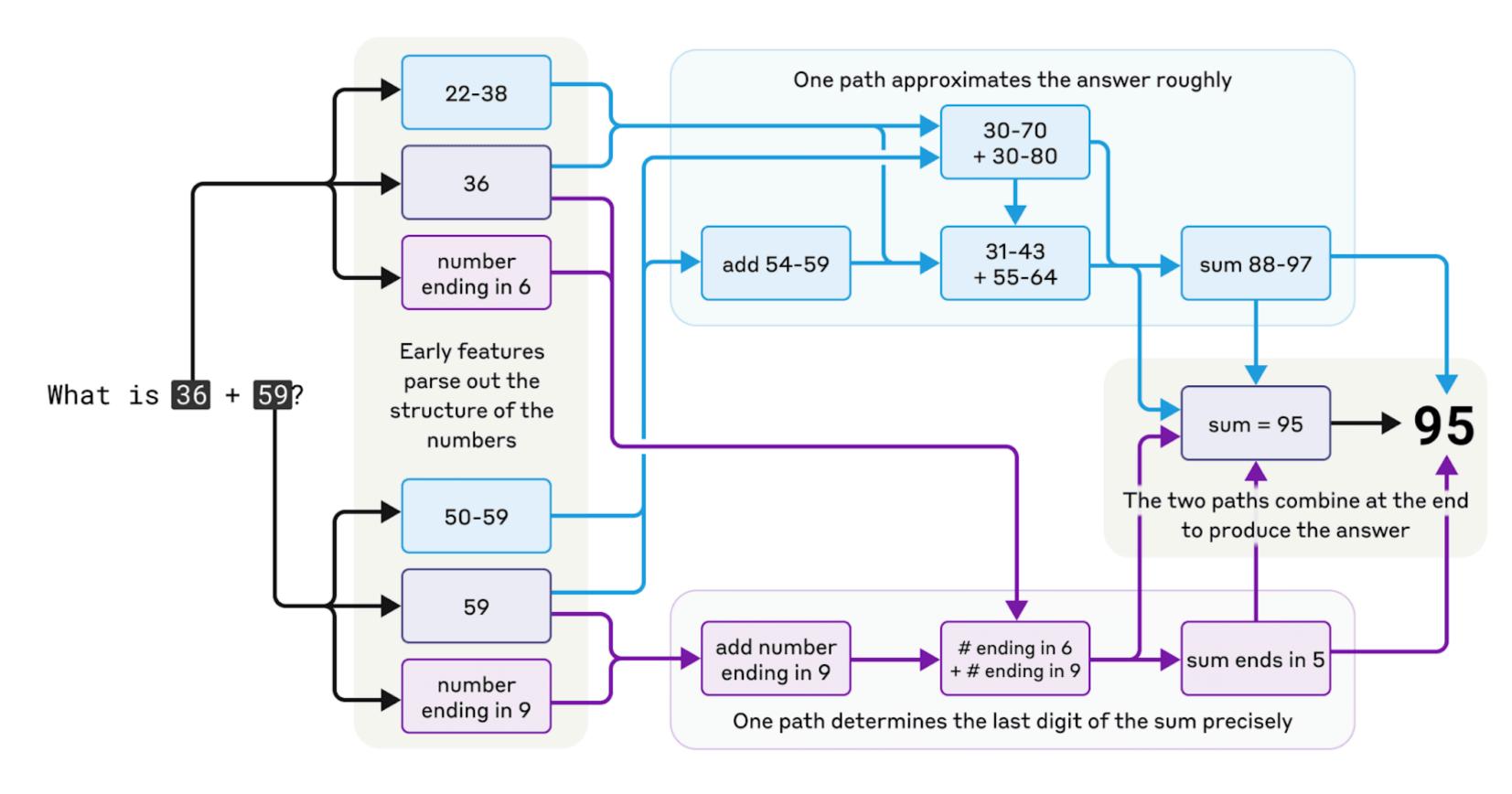
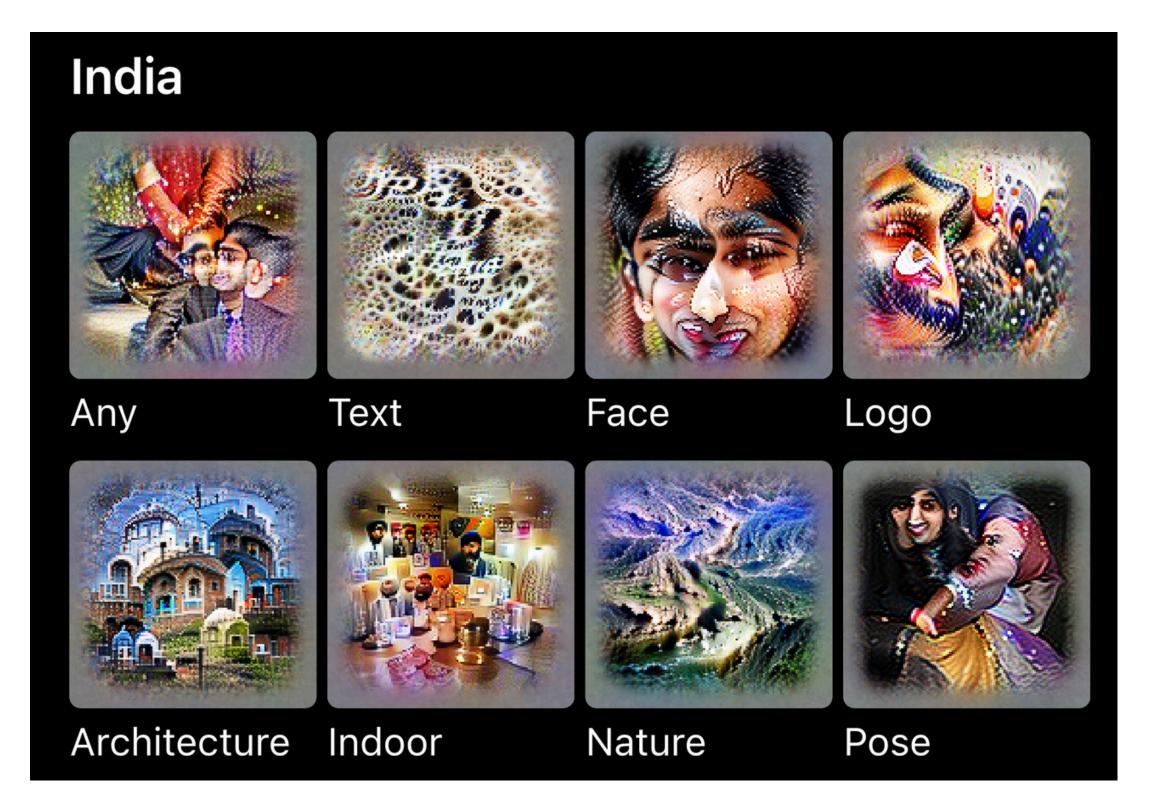


Image and Vision LLMs



https://openai.com/index/multimodal-neurons/

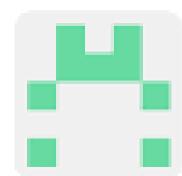
Bangalore:



Source: reddit



TransformerLensOrg/ TransformerLens



A library for mechanistic interpretability of GPT-style language models

Al 105 Contributors ⊙ 105 Issues 12 3k Stars

¥ 438 Forks



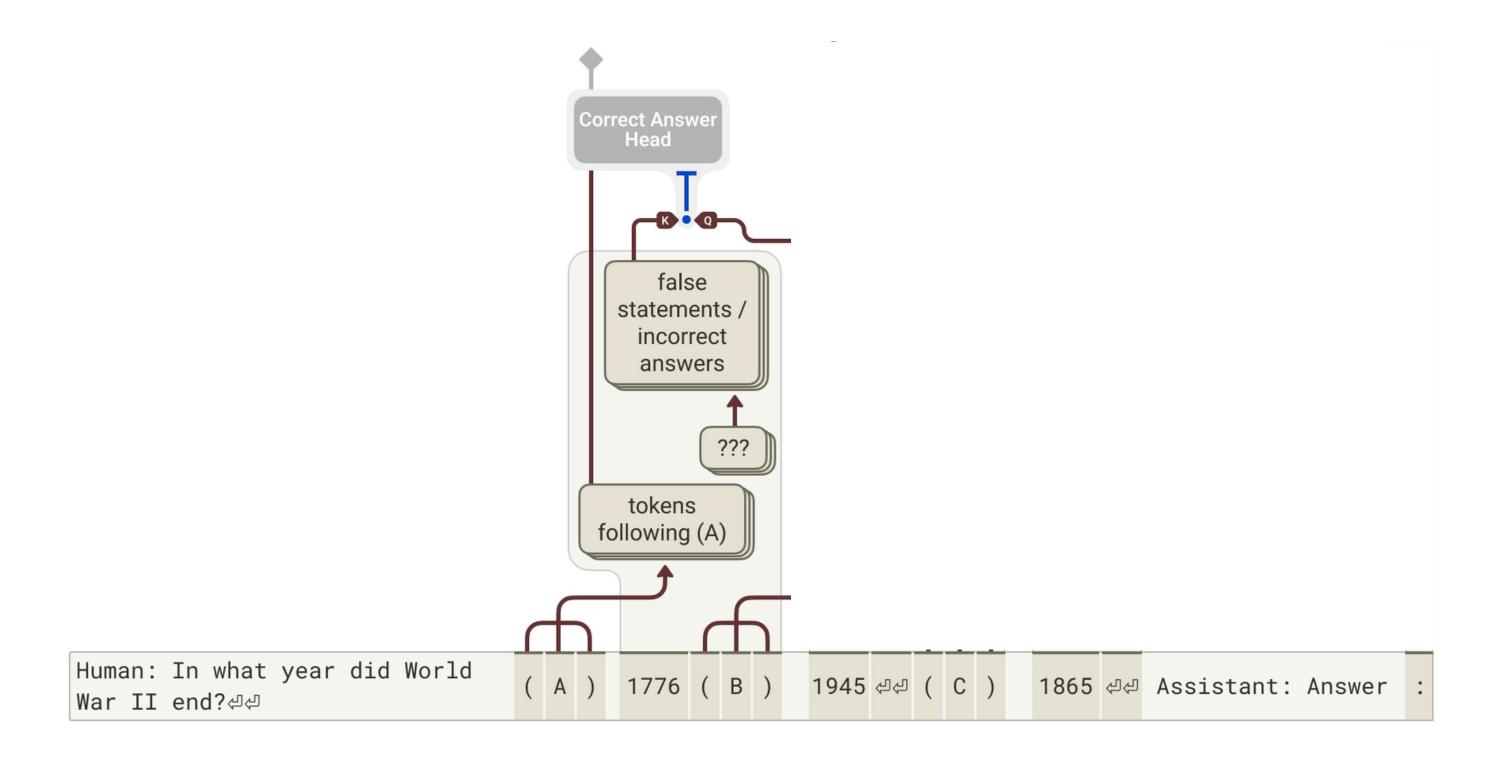
Question: In what year did World War II end?

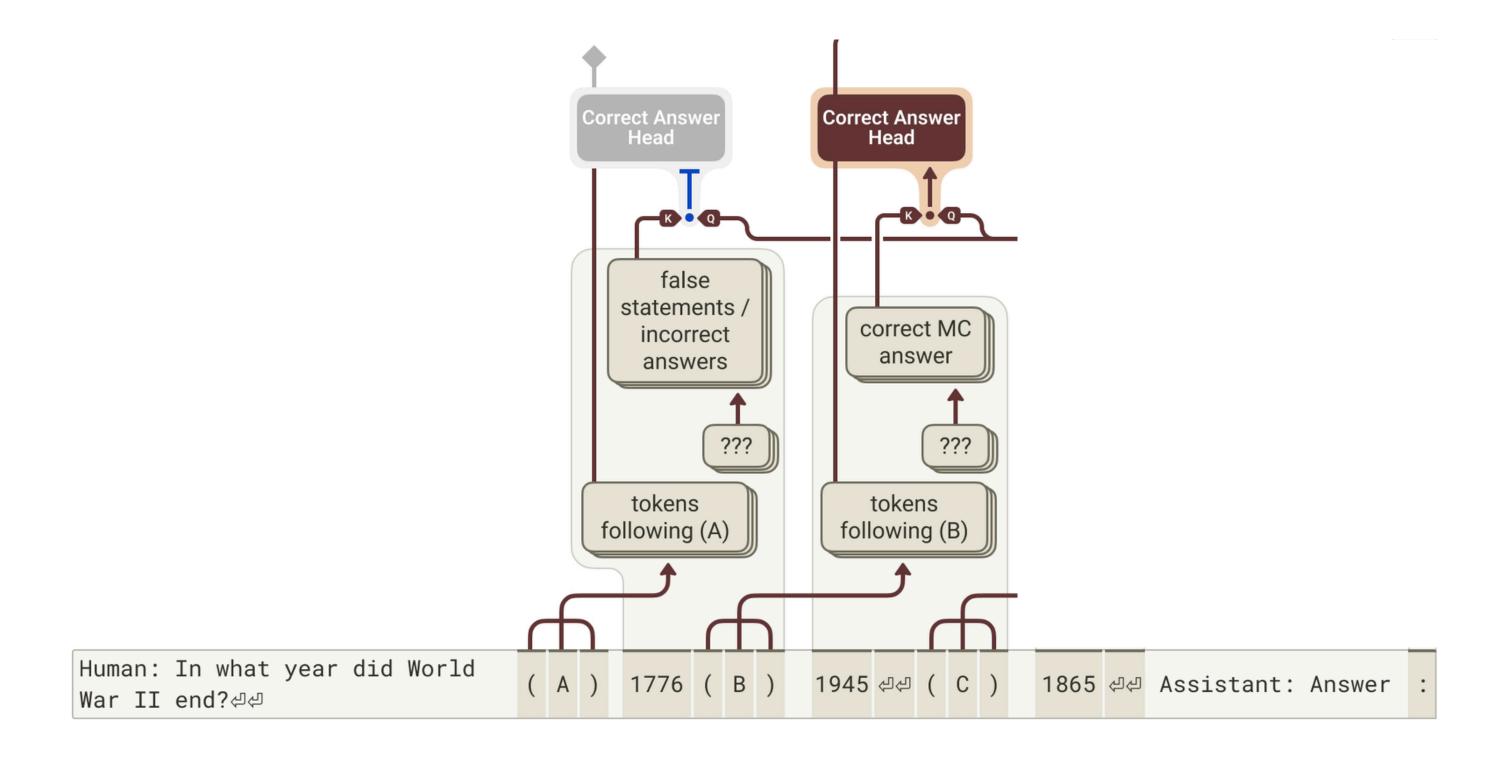
A: **1776**

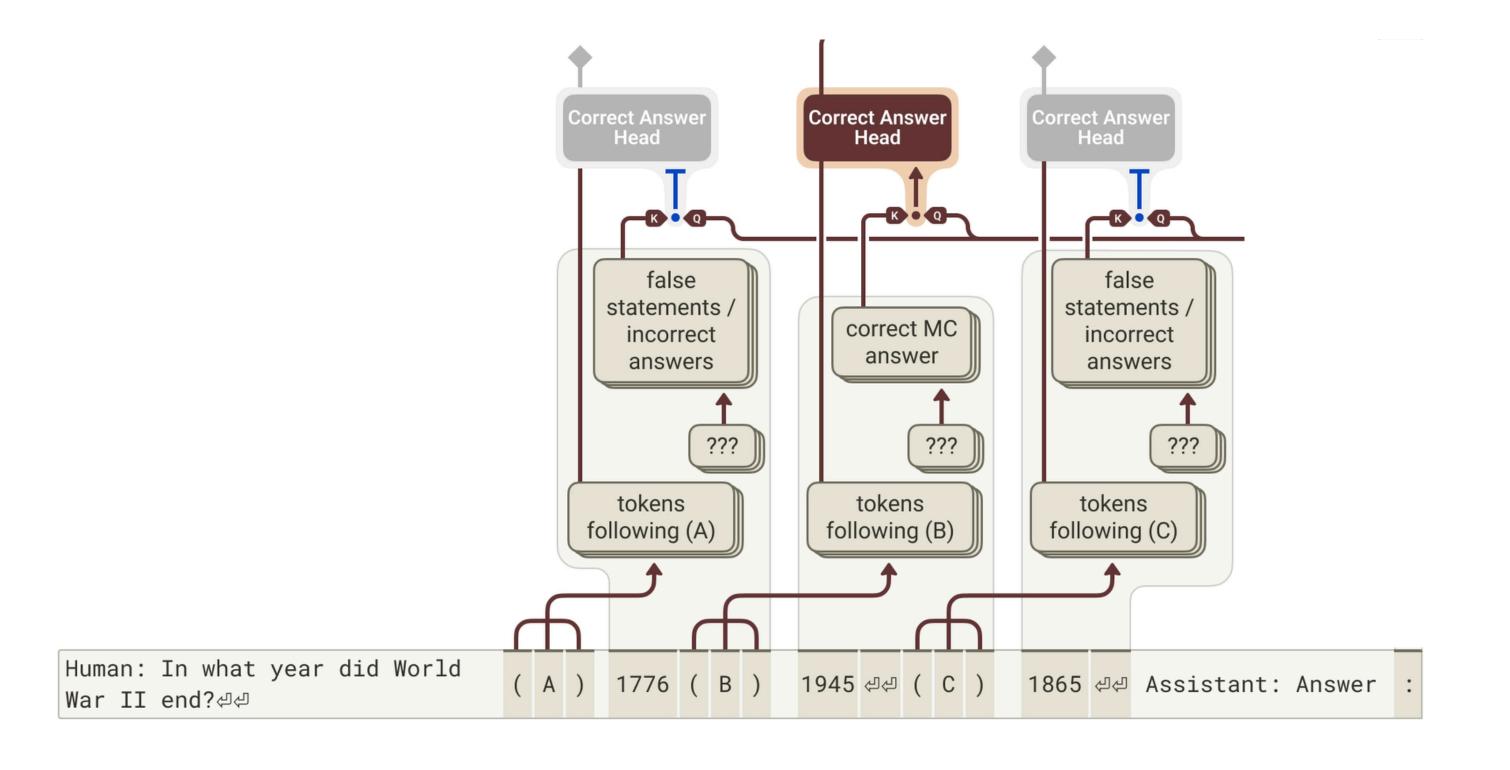
B: **1945**

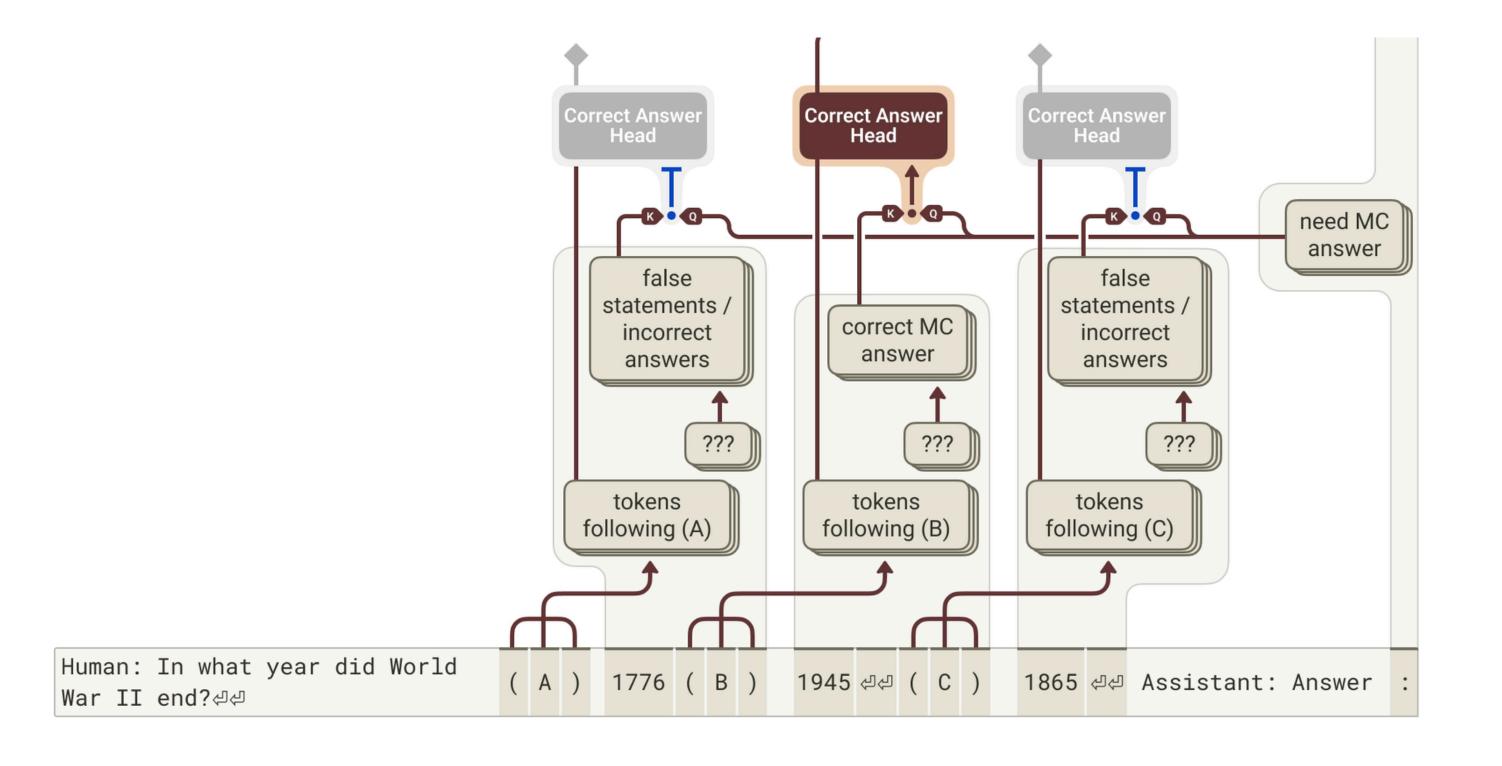
C: **1865**

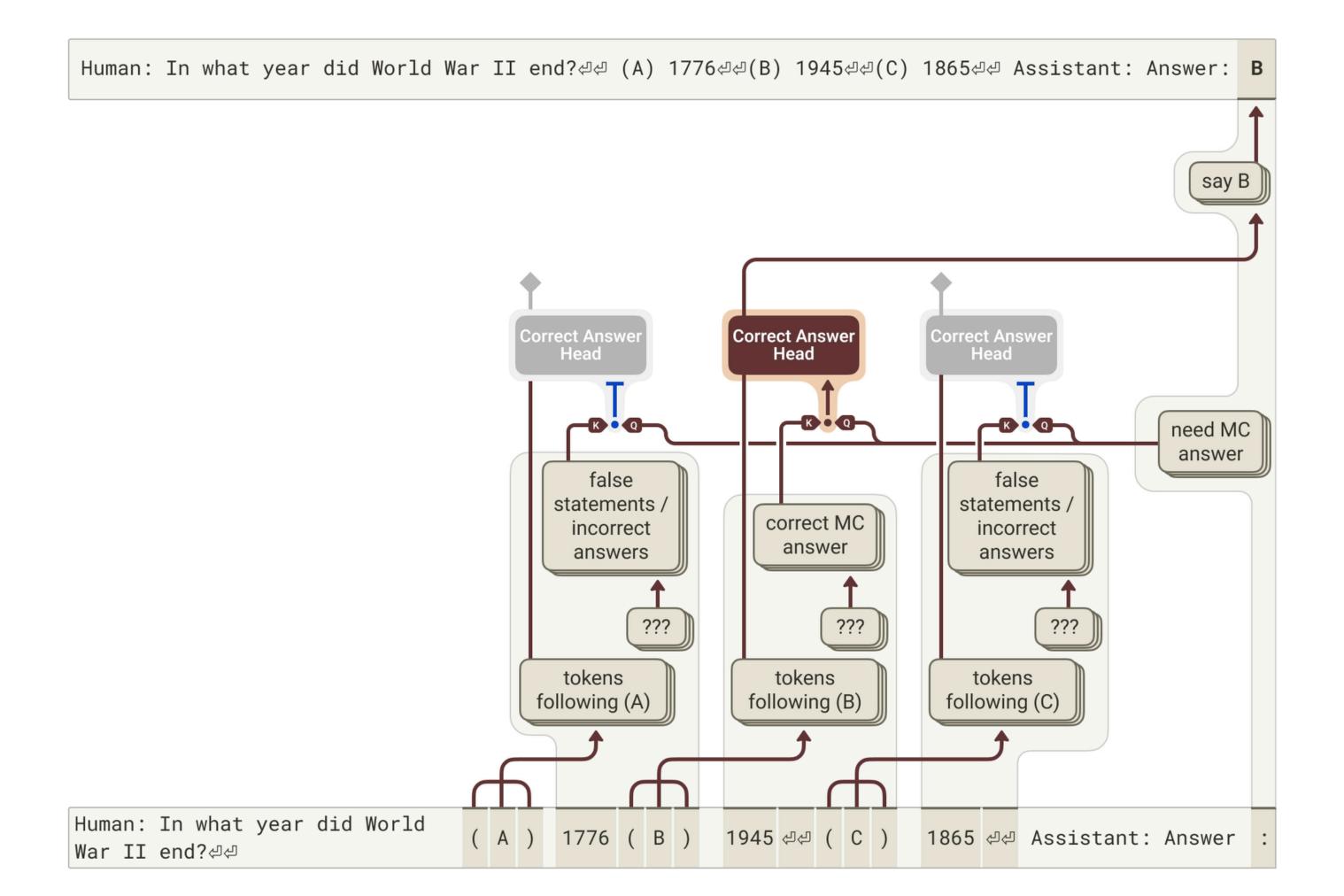
Human: In what year did World War II end?실선 (A) 1776 (B) 1945 선선 (C) 1865 선선 Assistant: Answer :

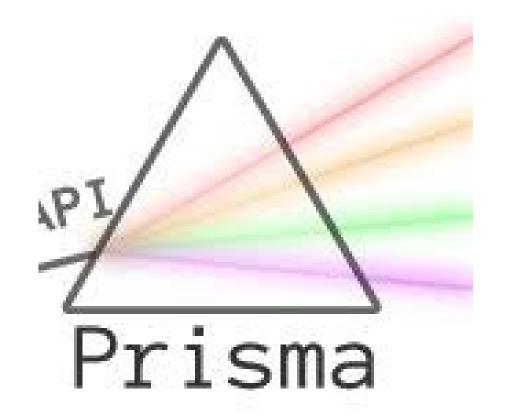












Prisma-Multimodal/**ViT**-**Prisma**



VIT Prisma is a mechanistic interpretability library for Vision and Video Transformers (VITs).

Al. 10 Centributors ∯ 5 Used by

Discussions

☆ 305 Stars

¥ 35 Forks

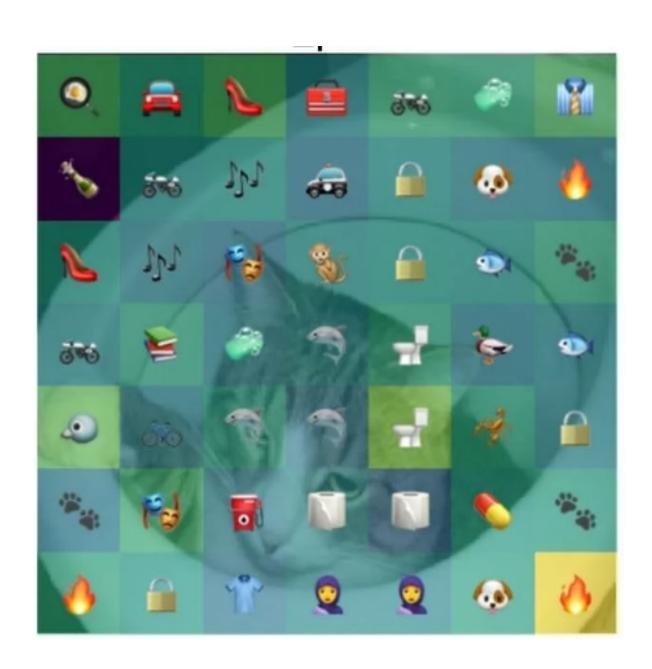




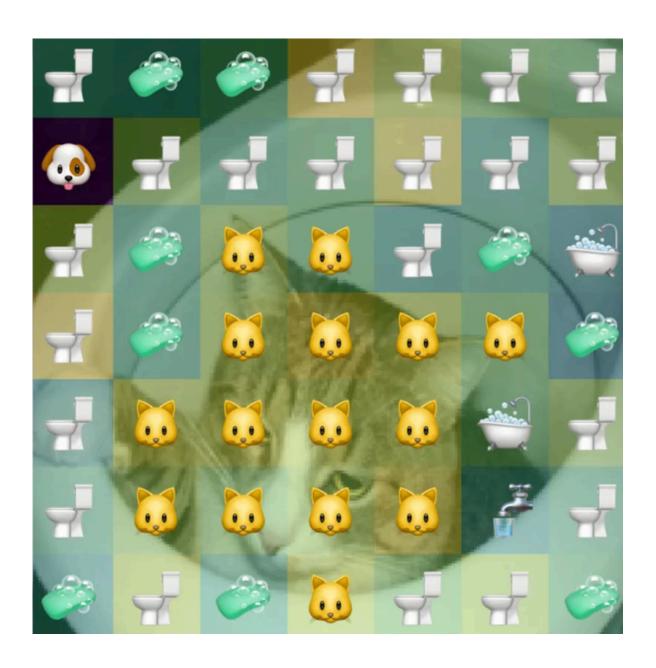
https://www.lesswrong.com/posts/kobJymvvcvhbjWFKe/laying-the-foundations-for-vision-and-multimodal-mechanistic



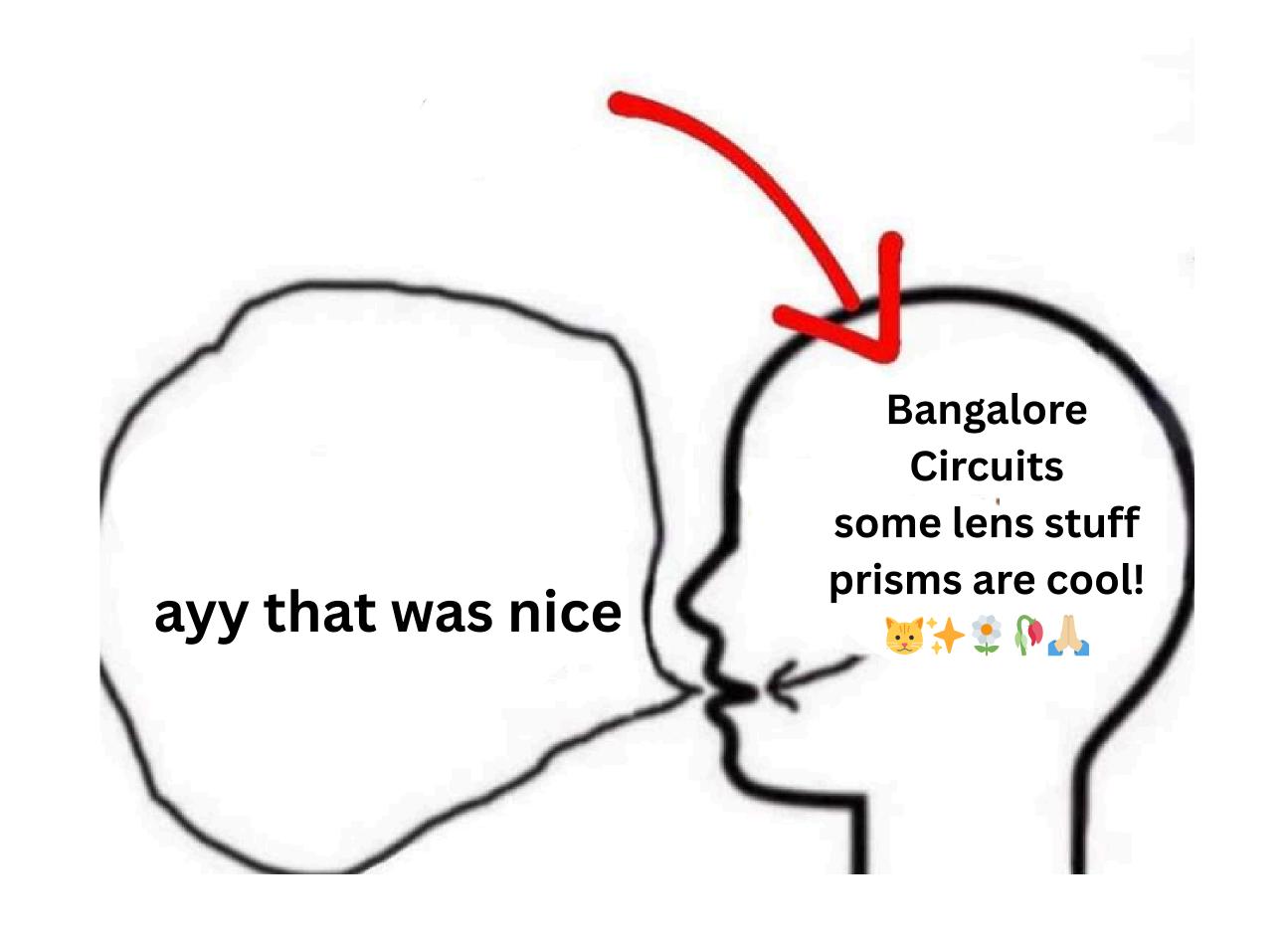
Layer 0



Layer 7



Layer 11



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