## Information

Does the entity occupy a definite physical form (as opposed to being a state, equality, concept, or something else abstract)? NO?

Is the average fifth grader familiar with and able to name this entity? (So this would exclude something like object permanence, which they are experientially familiar with but cannot identity as a unique phenomenon) NO?

From @oh: In your best judgment, am I familiar with and able to name the entity? Context: I'm a white female undergraduate student; been in rationalist spaces for a couple of years; actively using Manifold for a couple of months. I'm especially passionate about the arts, as well as Judaism NO? YES?

Was the entity named prior to 1970? YES? What about prior to 1870? YES?

Prior to 1500? YES?

Prior to 500? YES?

Prior to 1000 BCE? NOTE TO OTHER PLAYERS: The original Olympics were from 776 BCE to 393 CE, according to Wikipedia. NO?

Was the entity first named prior to the year 0? YES?

Does it occur naturally(ie without human intervention, would one exist) NO?

Is it something experienced by only humans? YES?

Is the entity philosophical/metaphysical/theological in nature? NO?

Is the entity specific to the arts? NO?
Is the entity specific to the field of psychology? NO?

Is the entity a single particular thing (ie a proper noun)? YES?

Would someone who self-identifies as a nerd be >30% more likely to be familiar with this concept than the average non-nerd with a college degree? YES?

Has the entity ever been protected by US law as intellectual property (e.g., trademark, copyright, patent)? NO?

What about by law in any currently-existing country? NO?

Is the entity specific to any of the domains listed in the first sentence of your bio? YES?

Is the entity specific to any of the following domains: game design, strategy, or competition?NO? Is the entity specific to any of the following domains: recreational maths and programming, sport challenges? YES?

Is the entity specific to the domain of recreational maths? NO?

Is the entity specific to the domain of recreational programming? NO?

Is the entity specific to the domain of sport challenges? YES?

Does the entity have its own link from this page? <a href="https://www.lesswrong.com/tags/all">https://www.lesswrong.com/tags/all</a> NO?

Is the entity the name of a sport or a sport challenge? NO?

A method/strategy of them, then? NO?

Okay, but it does have to do with sport challenges, right? NO?

Then does it have to with recreational maths and/or programming? NO?

I'm stuck. Is the entity specific to the domain of sport challenges? NO?

Was the entity first named during the original Olympics? NO?

Is the entity an activity that humans do as a typical profession/hobby?

By typical, I mean socially appropriate answer to the question "what do you do?" or "what do you do for fun?" So "teaching" and "writing" is typical, "philosophizing" is not. NO?

From @JackIngram: Am I the entity? NO?

If I were to ask you 50 times the question "does the entity originate from old literature", would the most statistically likely majority of your answers be 'Yes'? NO?

Have you, so far, lied/chosen to lie on any topic that is actually relevant to the 'entity'? (If we asked you if the entity was related to something, and you said 'no', was there any lie? Not a separate question, just a clarification.) NO?

Is it something related to mathematics OR science? YES? Is it something related to mathematics? YES? Is it a mathematical theorem? NO?

Is it related to America? NO? Is it related to Europe? YES?

Is it the fibonacci sequence? NO?

Is it the name of a mathematician from Europe? NO?

Is it the name of an equation or symbol or mathematical algorithm? YES? Is it really related to math? NO?
Alright, Is it really in the field of mathematics? YES?

Is it a math problem? NO?

Is it Pi?

## **Analysis & Comments**

Does the entity occupy a definite physical form (as opposed to being a state, equality, concept, or something else abstract)? NO?

Seems about right, matches with "Does it occur naturally - NO" and "Is it something only experienced by humans - YES"

Is the average fifth grader familiar with and able to name this entity? (So this would exclude something like object permanence, which they are experientially familiar with but cannot identity as a unique phenomenon) NO?

Basically 100% confident this is NO. It's likely something prior to the 1500, and it is one of Kongo's

From @oh: In your best judgment, am I familiar with and able to name the entity? Contect: I'm a white female undergraduate student; been in rationalist spaces for a couple of years; actively using Manifold for a couple of months. I'm especially passionate about the arts, as well as Judaism NO? YES?

I don't think this gives us much useful information, since it is more of a subjective question.

Was the entity named prior to 1970? YES?

What about prior to 1870? YES?

Prior to 1500? YES?

Prior to 500? YES?

Prior to 1000 BCE? NOTE TO OTHER PLAYERS: The original Olympics were from 776 BCE to 393 CE, according to Wikipedia. NO?

Was the entity first named prior to the year 0? YES?

While it's possible the answers to 1000 BCE and 0 are lies, it seems fairly safe to assume that whatever the entity is, it is old.

Does it occur naturally (ie without human intervention, would one exist) NO?

This is certainly true. Matches with "Is it something experienced by only humans - YES" and "Does the entity occupy a definite physical form - NO"

Is it something experienced by only humans? YES?

As stated before, YES makes sense and matches with "Does it occur naturally - NO" and "Does the entity occupy a definite physical form - NO"

Is the entity philosophical/metaphysical/theological in nature? NO?

I have no comments, it seems true (according to my current thoughts) but could also not be.

Is the entity specific to the arts? NO?

Is the entity specific to the field of psychology? NO?

Psychology seems a little too recent for the before 500 AD, but it could be arts. However, this may or may not contradict with "Is the entity specific to any of the domains listed in the first sentence of your bio? - YES" and related questions.

Is the entity a single particular thing (ie a proper noun)? YES?

By intuition, it feels like things chosen as an entity would be a single particular thing/name/title/etc. This doesn't seem like an overall useful question especially with the related comments.

Would someone who self-identifies as a nerd be >30% more likely to be familiar with this concept than the average non-nerd with a college degree? YES?

Vague, unclear, but it means that the entity is 'nerdy' (probably STEM or deep history, though we knew that was probable already)

Has the entity ever been protected by US law as intellectual property (e.g., trademark, copyright, patent)? NO?

What about by law in any currently-existing country? NO?

This matches with our bountiful questions about time (before 500 AD) as you cannot create patents for those old things. This is likely true.

Is the entity specific to any of the domains listed in the first sentence of your bio? YES? Is the entity specific to any of the following domains: game design, strategy, or competition?NO? Is the entity specific to any of the following domains: recreational maths and programming, sport challenges? YES?

Is the entity specific to the domain of recreational maths? NO?

Is the entity specific to the domain of recreational programming? NO?

Is the entity specific to the domain of sport challenges? YES?

There is a lot of information to unpack here. I will go more into my thoughts in the hypothesis section, however I believe it is fairly likely and understandable that the entity falls under the, frankly broad spectrum of Kongo's manifold bio.

Does the entity have its own link from this page? https://www.lesswrong.com/tags/all NO?

I bolded this because of its particular use. It's possible that it does have it's own link, but I believe that these topics are not specific enough to be chosen as an entity. (Theoretically the entity can be a broad topic, though).

Is the entity the name of a sport or a sport challenge? NO?

A method/strategy of them, then? NO?

Okay, but it does have to do with sport challenges, right? NO?

Then does it have to do with recreational maths and/or programming? NO?

I'm stuck. Is the entity specific to the domain of sport challenges? NO?

There is obviously at least one lie, but I find it clear that it is NOT a sport challenge. There is a 1/27 chance (maybe a little less than 1/27) this assumption is wrong.

"Then does it have to do with recreational maths and/or programming? - NO" interestingly contradicts with "Is the entity specific to any of the following domains: recreational maths and programming, sport challenges? - YES"

Was the entity first named during the original Olympics? NO?

Again, it seems unlikely that this is a sports challenge. Thus, this is probably the truth.

Is the entity an activity that humans do as a typical profession/hobby?

By typical, I mean socially appropriate answer to the question "what do you do?" or "what do you do for fun?" So "teaching" and "writing" is typical, "philosophizing" is not. NO?

I don't know how to interpret this.

From @JackIngram: Am I the entity? NO? No comment.

If I were to ask you 50 times the question "does the entity originate from old literature", would the most statistically likely majority of your answers be 'Yes'? NO?

With our questions, we know that this is old, but literature is quite vague. The complicated phrasing of this question does not help at all.

Have you, so far, lied/chosen to lie on any topic that is actually relevant to the 'entity'? (If we asked you if the entity was related to something, and you said 'no', was there any lie? Not a separate question, just a clarification.) YES?

Not sure what happened with this, however it seems useless.

Is it something related to mathematics OR science? YES?

Is it something related to mathematics? YES?

Is it a mathematical theorem? NO?

Quite interesting. It is totally possible that both of these YES are lies, however it is unlikely, and there seems to be no contradiction between the two. I will talk about mathematics in the Hypotheses section.

Is it related to America? NO?

Is it related to Europe? YES?

I think we have too little information that can contradict/match with these answers, so these should be ignored.

Is it the fibonacci sequence? NO? Guess not.

Is it the name of a mathematician from Europe? NO?
Is it the name of a mathematician in general? NO?
These match, and they also match with "definite physical form - NO".

Is it the name of an equation or symbol or mathematical algorithm? YES? Is it really related to math? NO?
Alright, Is it really in the field of mathematics? YES?
Is it a math problem? NO?
So confusing... nothing gained except probabilities

# Hypotheses (WIP)

Assuming we accept the time bound of < 1000 AD as TRUE, **Programming is out of the question**. This matches with our question about programming specifically.

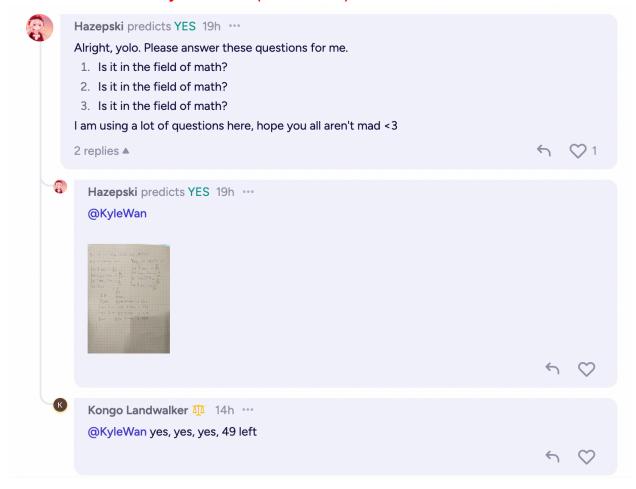
Was the entity named prior to 1970? YES?
What about prior to 1870? YES?
Prior to 1500? YES?
Prior to 500? YES?
Prior to 1000 BCE? NOTE TO OTHER PLAYERS: The original Olympics were from 776 BCE to 393 CE, according to Wikipedia. NO?
Was the entity first named prior to the year 0? YES?

Is the entity specific to the domain of recreational programming? NO?

### Mathematics (CONFIRMED?)

I think the entity may have something to do with mathematics. Firstly, mathematics is really really old.

#### Mathematics is basically confirmed (8/9+ chance). see below:



Was the entity named prior to 1970? YES?

What about prior to 1870? YES?

Prior to 1500? YES?

Prior to 500? YES?

Prior to 1000 BCE? NOTE TO OTHER PLAYERS: The original Olympics were from 776 BCE to 393 CE, according to Wikipedia. NO?

Was the entity first named prior to the year 0? YES?

#### These questions would probably be a truth:

Does the entity occupy a definite physical form (as opposed to being a state, equality, concept, or something else abstract)? NO?

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Does it occur naturally(ie without human intervention, would one exist) NO?

Is it something experienced by only humans? YES?

Is the entity philosophical/metaphysical/theological in nature? NO?

Is the entity specific to the arts? NO?

Is the entity specific to the field of psychology? NO?

Is the average fifth grader familiar with and able to name this entity? (So this would exclude something like object permanence, which they are experientially familiar with but cannot identity as a unique phenomenon) NO?

Is the entity specific to any of the domains listed in the first sentence of your bio? YES? Is the entity specific to any of the following domains: game design, strategy, or competition?NO? Is the entity specific to any of the following domains: recreational maths and programming, sport challenges? YES?

Is the entity specific to the domain of recreational programming? NO?

Is the entity the name of a sport or a sport challenge? NO?

A method/strategy of them, then? NO?

Okay, but it does have to do with sport challenges, right? NO?

I'm stuck. Is the entity specific to the domain of sport challenges? NO?

Is it something related to mathematics OR science? YES? Is it something related to mathematics? YES?

Certainly False: (This is okay, it would be more concerning if there were no contradictions) Is the entity specific to the domain of recreational maths? NO?

Is the entity specific to the domain of sport challenges? YES?
Then does it have to with recreational maths and/or programming? NO?

#### **Restraints, if they were true:**

Is it a mathematical theorem? NO?

Does the entity have its own link from this page? <a href="https://www.lesswrong.com/tags/all">https://www.lesswrong.com/tags/all</a> NO?

Is the average fifth grader familiar with and able to name this entity? (So this would exclude something like object permanence, which they are experientially familiar with but cannot identity as a unique phenomenon) NO?

Is it the fibonacci sequence? NO?

Is it the name of a mathematician from Europe? NO?

#### Unclear but probably related:

Prior to 1000 BCE? NOTE TO OTHER PLAYERS: The original Olympics were from 776 BCE to 393 CE, according to Wikipedia. NO? Was the entity first named prior to the year 0? YES? Prior to 500? YES?

#### **Thoughts:**

Obviously, statistically speaking a lot in the "These questions would probably be a truth" section **SHOULD BE LIES**, especially when you consider we only have 3 direct contradictions to math, when we should have 20/2 = 10 lies.

However, I went ahead with asking some more questions about mathematics. In the chance this is a completely cold trail, my only other thoughts are going back to Kongo's **bio**. 2/3rds that its something in there, plus a little more? Please add your thoughts if you have the time.

### **DIRECT QUESTIONS, FOR PROBABILITY ANALYSIS**

Is the entity specific to the domain of recreational maths? NO? Then does it have to do with recreational maths and/or programming? NO? Is it something related to mathematics? YES?

Is it really related to math? NO?
Alright, Is it really in the field of mathematics? YES?

#### Indirect:

Is it something related to mathematics OR science? YES?

Is the entity specific to any of the following domains: recreational maths and programming, sport challenges? YES?

Is the entity specific to any of the domains listed in the first sentence of your bio? YES?