

10:07:16 From Bob Primak to Everyone:
Math ability can run in families. Unfortunately, I take after my Mom's side, who were/are verbal. Dad's side and my sister are the math whizzes. And my nephew (my sister's son).

10:18:45 From John Howard to Everyone:
 $9^{**3}+10^{**3}$

10:18:59 From Bob Primak to Everyone:
Math ability and autism can be correlated. But they are not causally related.

10:19:43 From Ken Cutter to Everyone:
but how did he know 1729 was the SMALLEST number with this property?

10:20:14 From Bob Primak to Everyone:
Genius (math ability). Intuitive. My nephew drives people nuts with these sorts of observations.

10:20:53 From Steve Isenberg to Everyone:
Charlie said: smallest number that has TWO pair of numbers that when cubed equal 1729.

10:21:27 From Steve Isenberg to Everyone:
I think you can determine 1729 by trying different combinations of numbers

10:21:55 From Mitch Wolfe to Everyone:
"Srinivasa Ramanujan credits his mathematical findings to Namagiri. According to Ramanujan, she appeared to him in visions, proposing mathematical formulas that he would then have to verify."

10:22:00 From Bob Primak to Everyone:
Math prodigies think these thing through so fast, they can't tell you the exact steps they are using mentally.

10:22:05 From Howard to Everyone:
FOR THE SUM OF PRIMES PROBLEM, THE PROOF FOLLOWS FROM GAUSS'S ARITHMETRIC PROGRESSION SUM FORMULA

10:22:32 From Craig Sandler to Everyone:
I did it with Google Sheets - which might show the smallest.

10:22:36 From Craig Sandler to Everyone:
https://docs.google.com/spreadsheets/d/1GTpjoksF5INthayYh5qX50AwF3J_ek3A0D4aAsMh4h4/edit?usp=sharing

10:25:59 From Bob Primak to Everyone:
That Python problem with Factorials illustrates how different computer-AI is from human intelligence.

10:27:55 From Mitch Wolfe to Everyone:
People often alternate calculations to maintain reasonable precision without inordinate range overflow like with factorials.

10:30:56 From Bob Primak to Everyone:
"Crestfallen -- "Some say it is cocks, with their crested heads, that are responsible for the words' origins. Others think it has to do with horses bowing their heads (touching their heads to the crest of their chests) when bested in battle." <https://www.vocabulary.com/dictionary/crestfallen>

10:43:11 From Bob Primak to Everyone:
I find nothing online which would prevent arithmetic series

from behaving the same in non-decimal number systems, like Hex.

10:50:19 From Judy/Mike Alexander to Everyone:

The "tree" is, I think, an example of Graph Theory, a branch of mathematics.

10:55:05 From Bob Primak to Everyone:

Poets with mathematical parents -- makes some sense, given how much math there is in poetry.

10:57:35 From Ken Cutter to Everyone:

Carl Sandberg won three Pulitzer Prizes: two for his poetry and one for his biography of Abraham Lincoln.

10:59:26 From Bob Primak to Everyone:

It's one thing to know the symbol visually. Quite another to know its use.

11:01:02 From Craig Sandler to Everyone:

Cheers, kudos, and, somehow.... increased admiration for CHH! Speaking of infinite series....

11:07:49 From Bob Primak to Everyone:

Infinite Hotel Paradox: <https://ed.ted.com/lessons/the-infinite-hotel-paradox-jeff-dekofsky>

11:14:57 From Mitch Wolfe to Everyone:

<https://www.amazon.com/One-Two-Three-Infinity-Speculations/dp/0486256642>

11:16:40 From Harry Forsdick to Everyone:

David Wolfe's book is <https://www.amazon.com/Puzzlers-Tribute-Feast-David-Wolfe/dp/1568811217>

11:18:16 From Mitch Wolfe to Everyone:

Martin Gardner (Scientific American) monthly column over 30 year anthology: <https://bookstore.ams.org/gardner-set/>

11:19:21 From Mitch Wolfe to Everyone:

Martin Gardner's Mathematical Games columns

11:22:09 From Steve Isenberg to Everyone:

Fantasia Mathematica, by Clifton Fadiman. [Https://www.amazon.com/dp/0387949313](https://www.amazon.com/dp/0387949313)