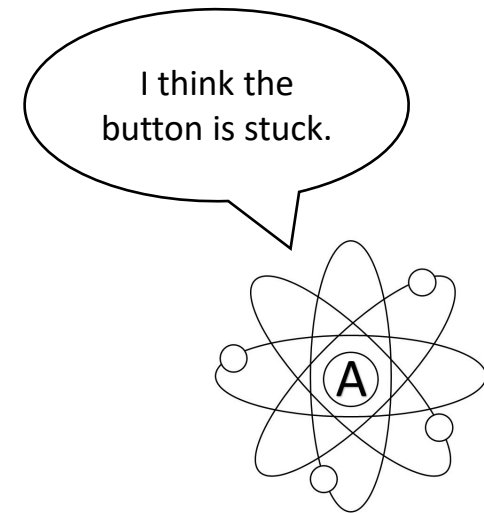
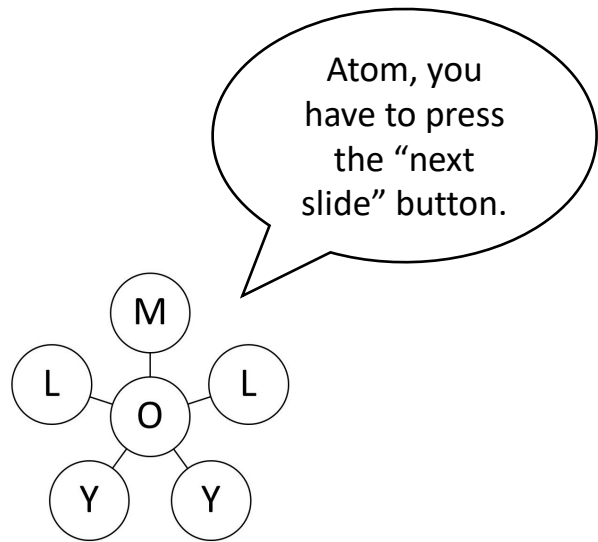


# Atom & Molly

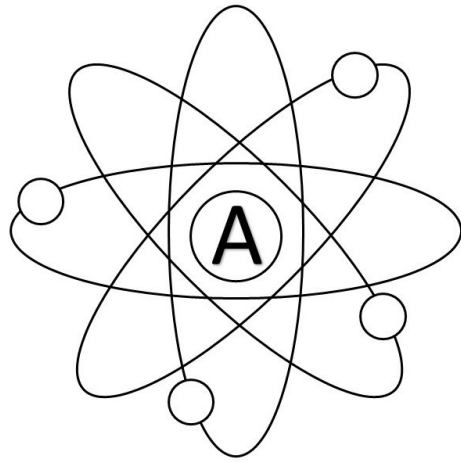
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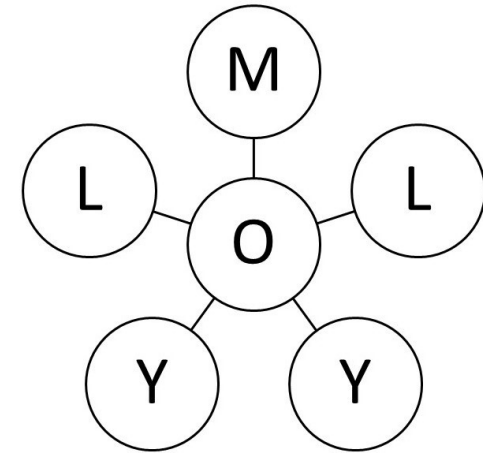
# Atom & Molly

“The World’s First Sub-Atomic Comic”®

starring



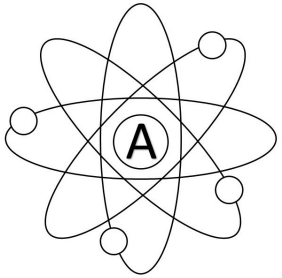
**Atom** (an atom)



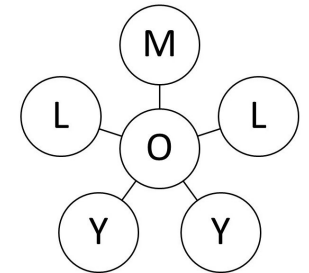
**Molly** (a molecule)

# Atom & Molly

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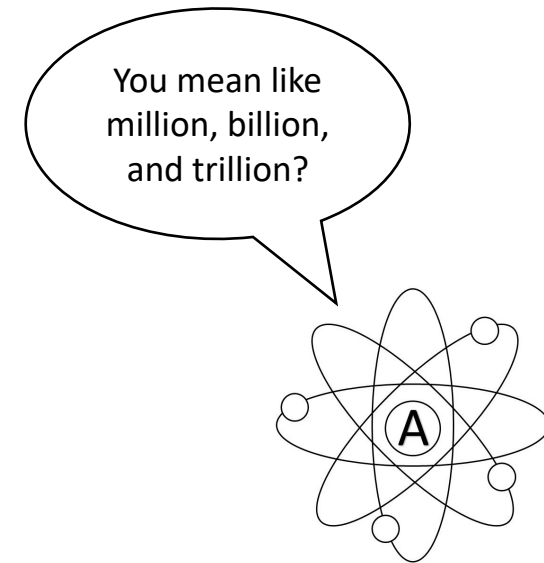
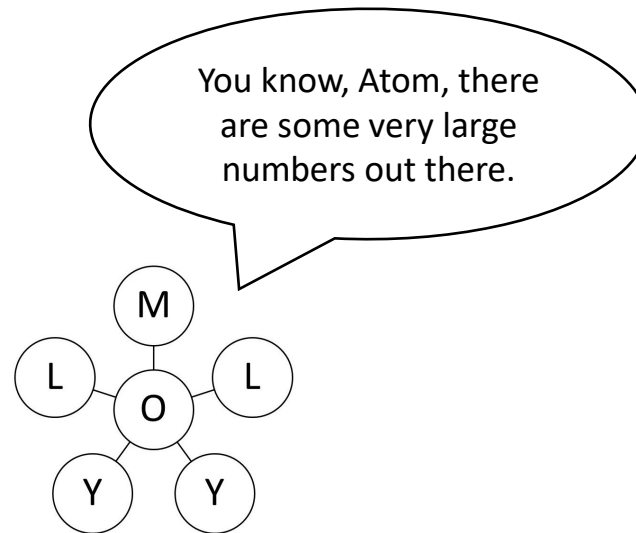
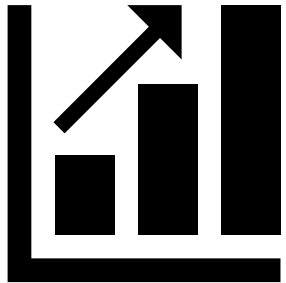
Webisode # 8



Very Large Numbers

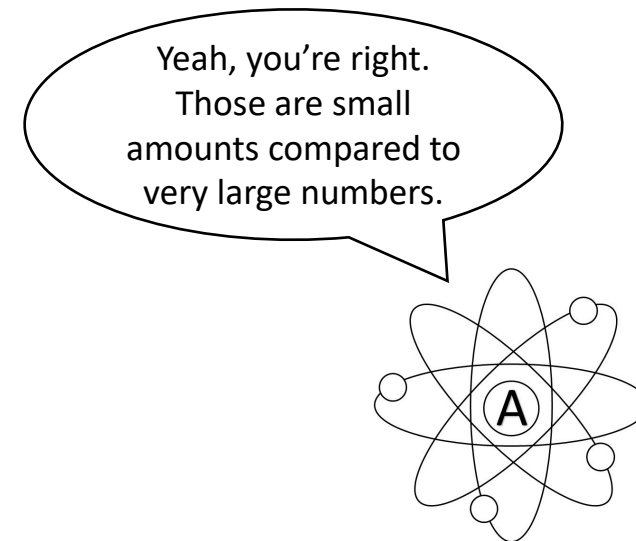
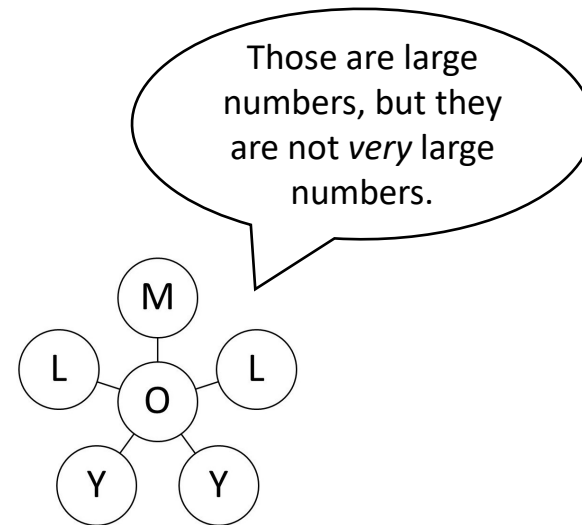
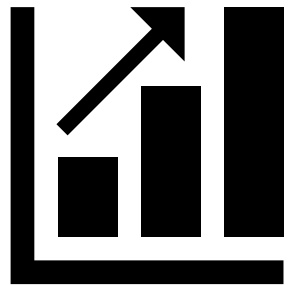
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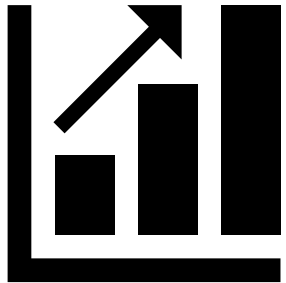
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Even quadrillion, quintillion, sextillion, septillion, octillion, nonillion, and decillion are large numbers, but they are not nearly the largest.

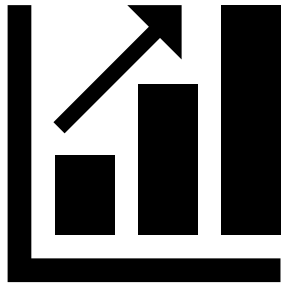
A diagram of the name 'MOLLY' where each letter is inside a circle. The circles are arranged in a central column with 'M' at the top, 'O' in the middle, and 'Y' at the bottom. 'L' circles are placed to the left and right of the 'O' circle, and 'Y' circles are placed to the left and right of the bottom 'O' circle.

Um ... didn't they pull Santa's sleigh?

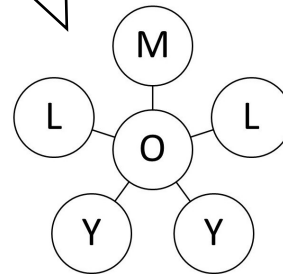
A stylized atom with a central nucleus containing the letter 'A' and three elliptical orbits with small circles representing electrons.

# Atom & Molly

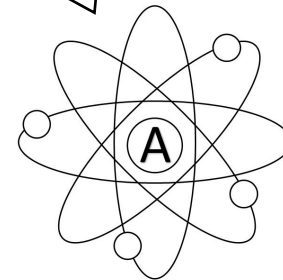
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No ... you’re thinking of the reindeer.

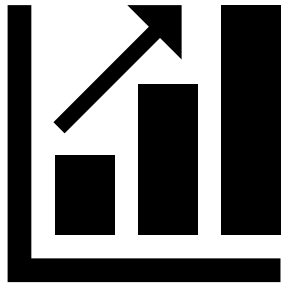


Oh, right. A decillion is a one followed by 33 zeroes. You mean there are larger numbers than that?

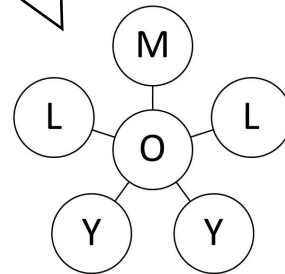


# Atom & Molly

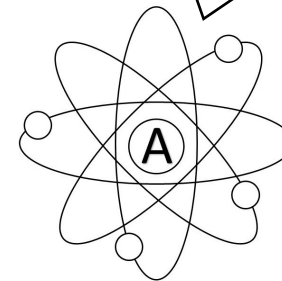
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A Googol is a one followed by 100 zeroes. It is written as  $10^{100}$



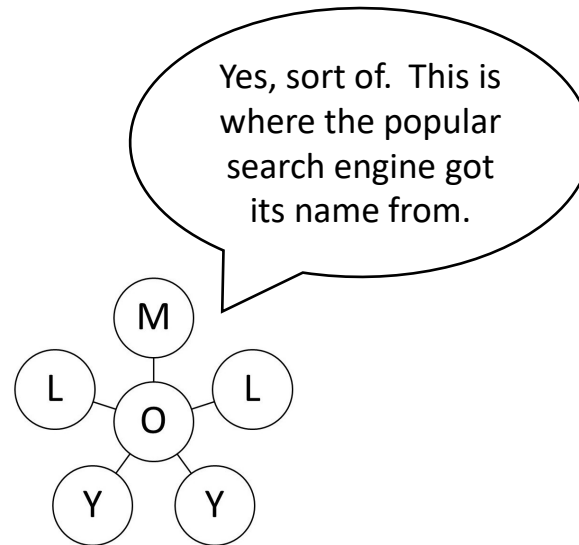
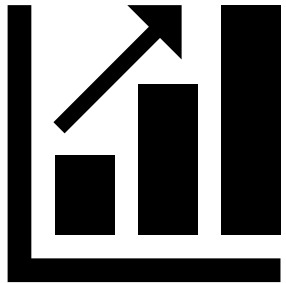
Didn't we use that to find all of this information?



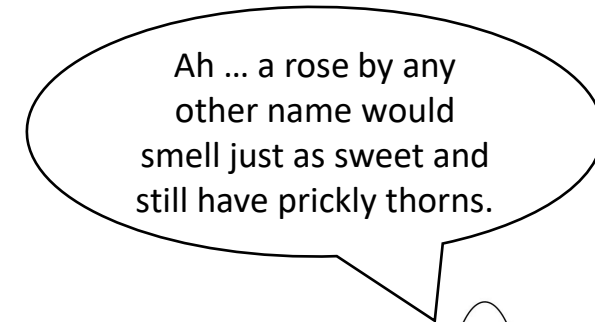


# Atom & Molly

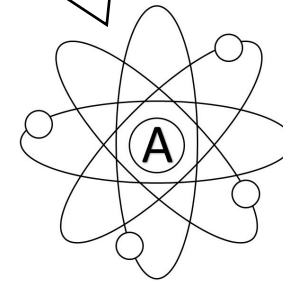
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Yes, sort of. This is where the popular search engine got its name from.

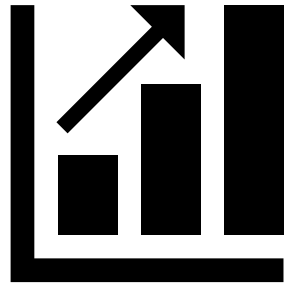


Ah ... a rose by any other name would smell just as sweet and still have prickly thorns.



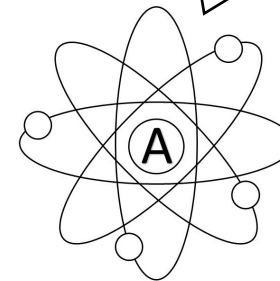
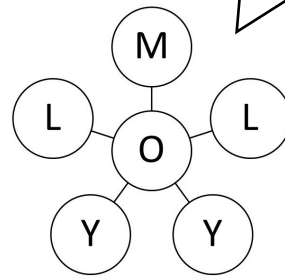
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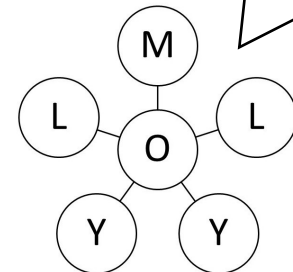
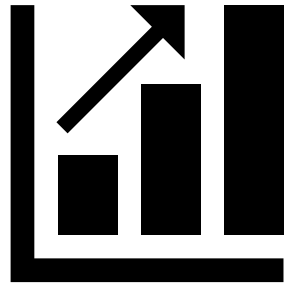
A Googolplex is a one followed by a Googol of zeroes. It is written as  $10^{\text{googol}}$

And that’s about how many seats there are in their office building from what I read on the internet.



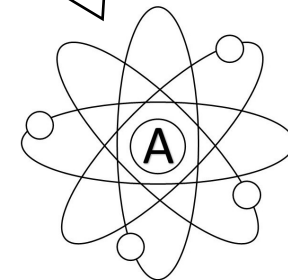
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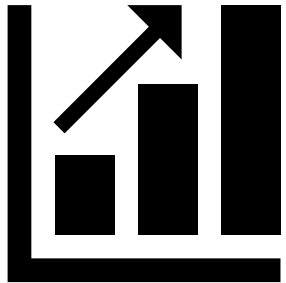
And it continues. A Googolplexian is a one followed by a Googolplex of zeroes. It is written as  $10^{\text{googolplex}}$

Okay ... now you're just making this up, right?

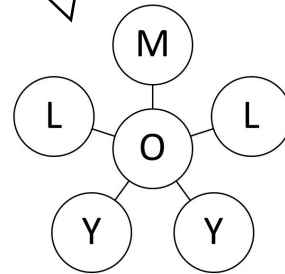


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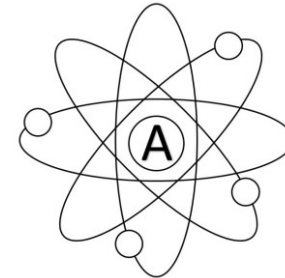
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No, I’m being totally serious!

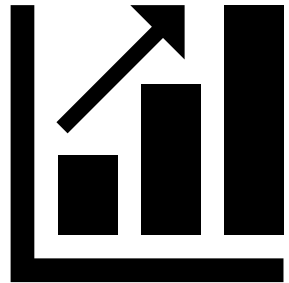


And so, what’s next? A number so large that it cannot be written in standard notation?

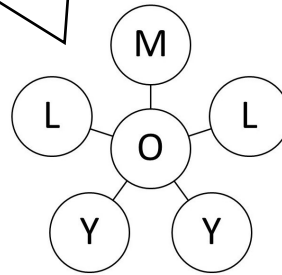


# Atom & Molly

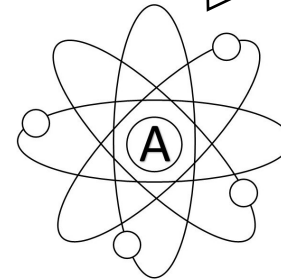
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Well ... since you mentioned it ... that would be Graham’s Number.



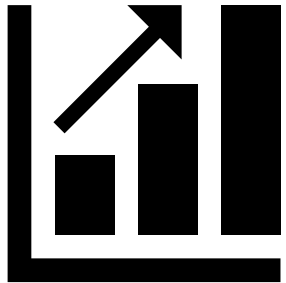
Which we cannot explain in these tiny little speech bubbles. So, for more information, we’re pointing you to the website below:



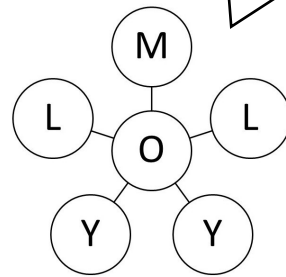
<https://research.phys.cmu.edu/biophysics/2021/01/09/nobody-comprehends-grahams-number/>

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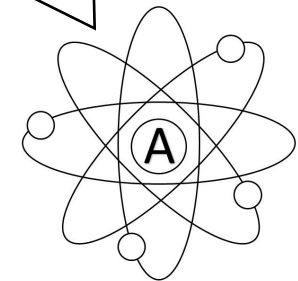
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But of course, the very largest number of them all isn't really a number, it's more of a concept.

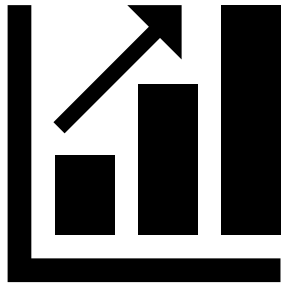


Hint: If you turn this webisode number on its side, you'll realize the answer.

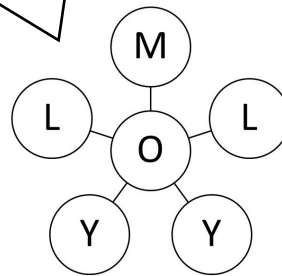


# Atom & Molly

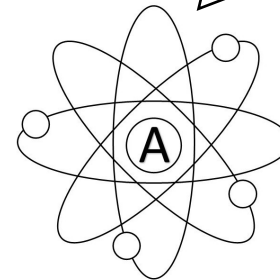
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Infinity was first conceived by the Greeks around the 5<sup>th</sup> or 6<sup>th</sup> century.

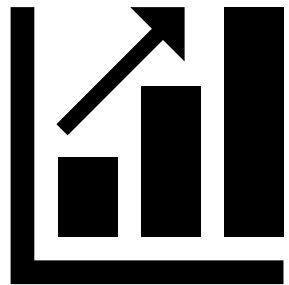


The mathematical symbol that looks like a horizontal “8” was introduced by English mathematician John Wallis in the mid 1650’s.

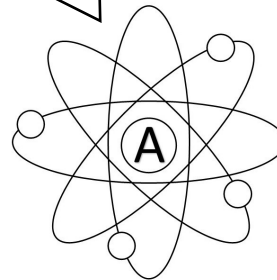


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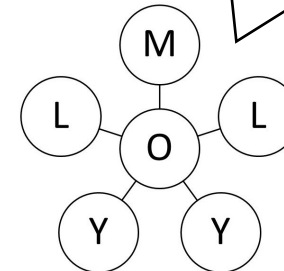
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I am infinitely glad that we have each other and our insightful conversations!



I am forever grateful for you and your zany sense of humor!





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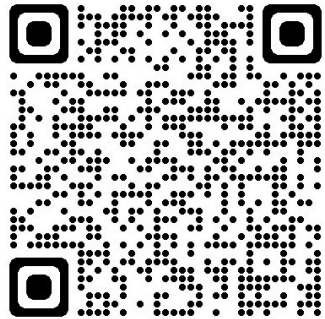
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*Atom & Molly* books – Available on Amazon

TITLE	YEAR	KINDLE	PAPERBACK	NBR PAGES
Atom & Molly: The Wireframe Edition	2022	Yes	Yes	112
Atom & Molly present Quarky Quatrains	2023	Yes	Yes	151
The Atom & Molly ReLaXe & FUN BOOK	2023	No	Yes	306

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