



MATHEMATICS FOR ADULTS - M4A
Erasmus+ 2018-1-PL01-KA204-051061

If you don't know
mathematics, it doesn't
mean
you are a humanist.

Maria Wanke-Jerie


$$\frac{(x+y)^3}{(y+2x)^n}$$



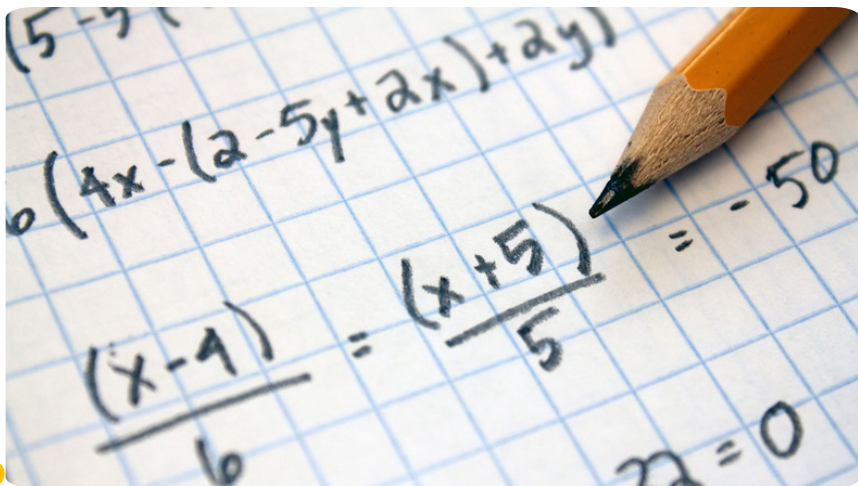
$$P = 4 \cdot \pi \cdot r^2$$




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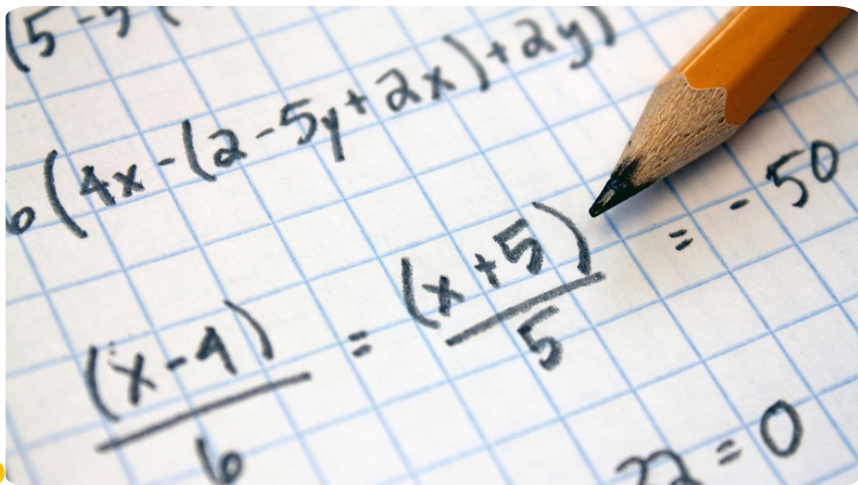
Everyone can learn mathematics.
And it will be useful for everyone
as a school of logical thinking.

A good mathematician is not one
who makes fast calculations, but
the one who cares about the
precision of expressions and draws
logical conclusions.



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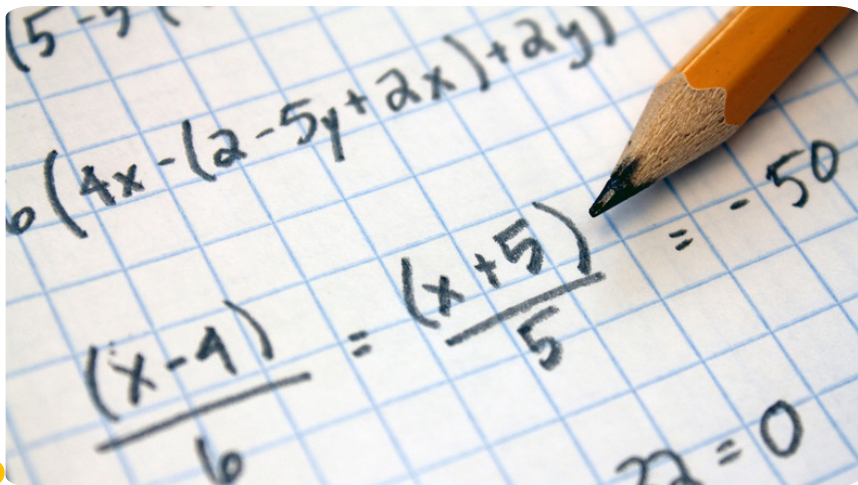
Knowing how it really is



„There are two main reasons for losing the mathematical thread: too many formal rules, not enough common sense”



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For that no one would be „wounded” by mathematics

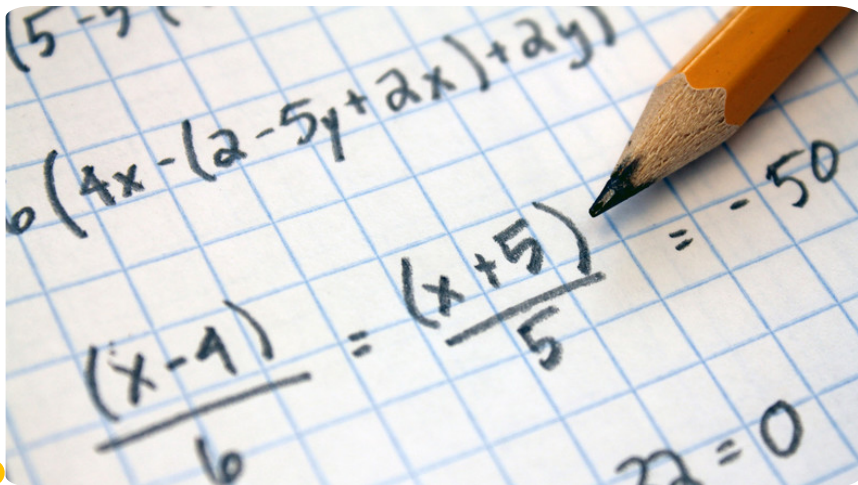
It is very easy to alienate to math.

And then, when any fragment is misunderstood, it's getting even worse.



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Execute the algorithm like
a computer

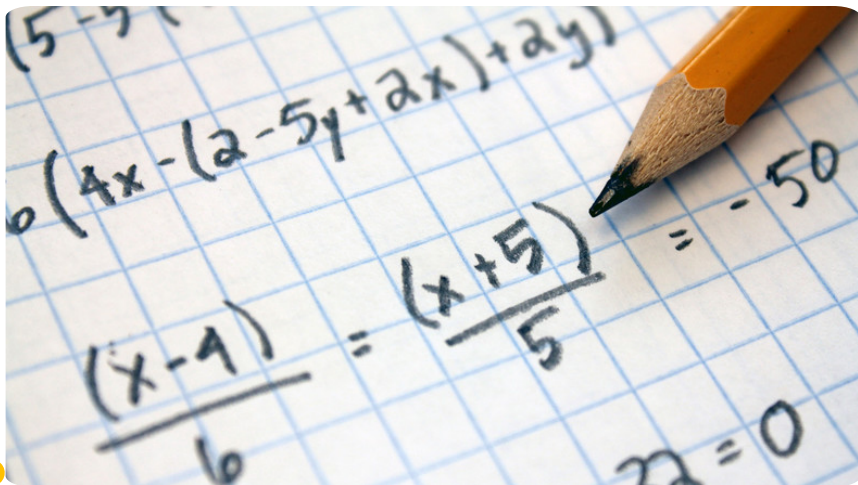


Knowledge -
schematic, algorithmic -
is not useful for anything
except passing exams and
solving tests.



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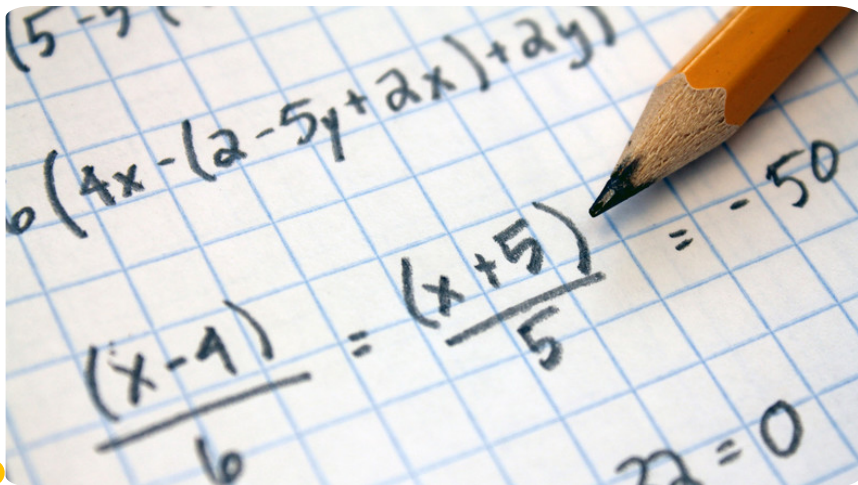
Bad, despite good PISA results



The results of the final exams do not confirm these optimistic indicators. Somewhere over time these skills are „lost”.



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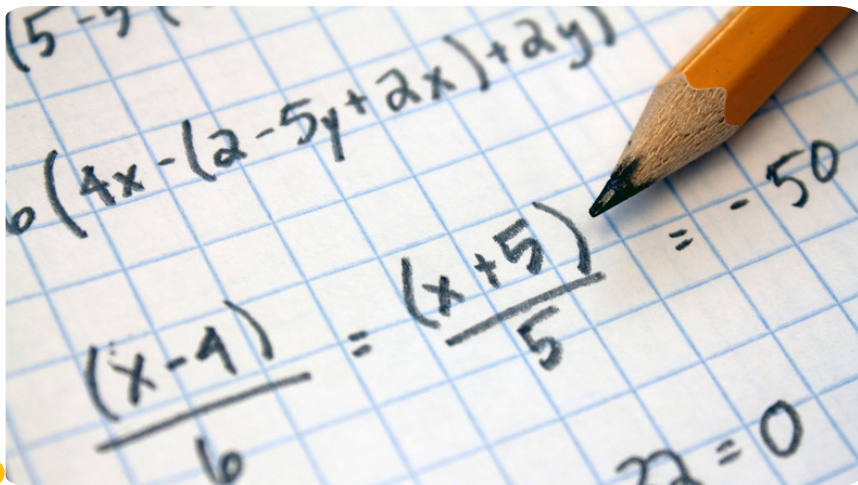
Mathematics like poetry

There is no point in making opposition of the science to the humanist studies.

And there are many examples of outstanding mathematicians who were also outstanding humanists.



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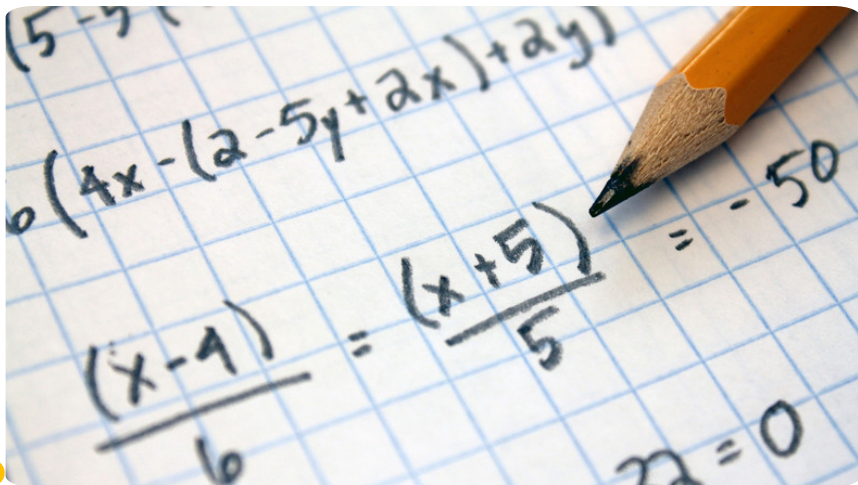


If the ideal of poetry is the text simplicity connected with the richness of content, then no Shakespeare wrote anything more beautiful than the Riemann's function -

Fr. prof. Michał Heller



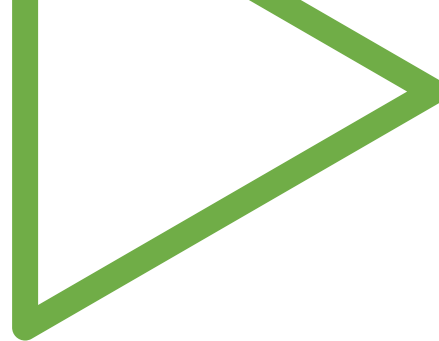
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Hugo Steinhaus:
*Mathematician will do it
better*

to the question: *What?*
he replied: *Everything*

Thank you
for your
attention!



$$\frac{(x+y)^3}{(y+2x)^n}$$



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