

Focus on... Mathematics



On this day...

In 1823, Yulevich Davidov was born. He was a Russian mathematician and engineer who worked on differential equations, partial derivatives, definite integrals and the application of probability theory to statistics.



Multiplying ones always gives you palindromic numbers.

If you multiply 111,111,111 \times 111,111,111 you get 12,345,678,987,654,321 - a palindrome number that reads the same forwards or backwards. And that works all the way back down to 11 x 11 (121) or just 1 x 1 (1).

Go explore...

You can cut a cake into 8 pieces by using only 3 cuts. You just need to make two cuts in a vertical plane and one in a horizontal plane. Save yourself some time next time you have a party! If you can make cuts which aren't straight then you have some other options.

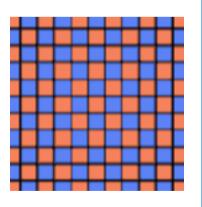


Picture this...

Did you know..

There are only 17 possible types of wallpaper pattern. If you look at the under-

If you look at the underlying symmetry in a wallpaper pattern then mathematicians have shown that there are only 17 possibilities.



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