

*test document

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December 4, 2020

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1 Fermat's Last theorem

Fermat's last theorem theorem says that the equation

$$x^n + y^n = z^n$$

has no positive integer solutions provided that $n \geq 3$ It was proven only in 1993 by Andrew Wiles.

2 test of list

First element

second element

$$x + y = x * y$$

This is test formula inside a list

new test $x + y = x - y$

New list

- lemon
 - $(a + b) * (a - b) = a^2 - b^2$
1. orange

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	Table 1: test of tabular
1 + 1 = 2	1 - 1 = 0
	123
sum	difference 456
	789
$(a + b)^2 = a^2 + 2 * a * b - b^2$	
$(a + b) * (a - b)^2 = a^2 - b^2$	
12	

2. strawberry

New fruits sublist

1. apple

2. pear

•

$\sin x^2 + \cos x^2 = 1$

• Russia

Test correct tagging of paragraphs after lists.

3 test of tables

ab new tabular
cd new paragraph
end of test