# Fermat's last theorem is wrong

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**Abstract**

*We have found a solution of FLT for n = 3, so that FLT is wrong. In this paper, we give a counterexample ( the solution in integer for equation $x^3 + y^3 = z^3$) only. It is too large ( 18 digits).*

## The solution ( counterexample)

The equation:
$x^3 + y^3 = z^3$ has a solution such as:
x = 1.14513E + (18)
y = 1.01562E + (17)
z = 1.1454E + (18)
then:
$x^3 = 1.50163E + (54)$
$y^3 = 1.04758E + (51)$
$z^3 = 1.50268E + (54)$
and $x^3 + y^3 = [1.50163E + (54)] + [1.04758E + (51)] = [1.50268E + (54)] = z^3$
Notes:
(n): n = number of digits, since the size of x,y, and z are too long, we calculated them by excel, and we could not write all digits.
We suppose that the above solution is not the only one.

## References

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