

Real Quiz 8

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1. $\frac{\partial^2 V}{\partial x^2} + \frac{\partial^2 V}{\partial y^2} + \frac{\partial^2 V}{\partial z^2} = 0$

Euler derived it first.

2. Brunswick, day laborer

3. Yes, proved by Gauss.

4. a) It is a group because all products are in the group

(no numbers > 5 can be the

answer to addition modulo 6)

there is an identity element ~~6~~

the inverse property is present,

and it is associative

b) There is an identity element and

it all stays in the family

out of time !!