

Q8

Wednesday, November 17, 2021 3:07 PM

1. What is Laplace's partial differential equation? Who derived it before Laplace?

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

Euler

2. What is the name of the city where Carl Friedrich Gauss was born? What was the occupation of his father?

Brunswick. His father was a Day Laborer

3. Side length of a regular polygon of 17 sides?

Yes, it can be. It was proved by Gauss.

4. $G = \{0, 1, 2, 3, 4, 5\}$

- A. Show that it is a group.

Let $2 \in G$ and $3 \in G,$

Sorry, I came to class a little late and wasn't able to finish.