

Answer on Question #45765 – Physics – Other

Gauss's law says that the net flux passing through a Gaussian sphere is equal to the charge enclosed divided by?

- a. 1
- b. $1\epsilon_0$
- c. 0
- d. ϵ_0

Solution:

Gauss's law may be expressed as:

$$\Phi_E = \frac{Q}{\epsilon_0}$$

Thus, charge enclosed divided by ϵ_0 .

Answer: d. ϵ_0