

Answer on Question#42945 – Math – Other

Question:

A shopkeeper sells sugar in such a way that selling price of 950g is equal to c.p of 1kg. Find his gain %

Solution.

Let 1kg of sugar costs x , then 950 g of sugar costs $0.95x$. Hence his gain is $x - 0.95x = 0.05x$.

And we have $x - 100\%$ of price, we want to know how many % is $0.05x$.

$$\frac{0.05x}{x} * 100\% = 5\%.$$

Answer. 5%.