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# Quarterly Problem

- Science Edition -

## Chocolate diet?



### Will eating chocolate make me gain weight?

Use the knowledge that you already possess to attempt to answer this question. Be ready to discuss and present arguments for and against this statement. This is what Jane and Paul had to say about the matter:

**Jane:** Matter cannot be created or destroyed so eating 800g of chocolate will make you gain 800g. It cannot be otherwise.

**Paul:** Does this mean that eating 800g of any food will always result in weight gain of 800g? So I can have pizza for lunch every day?

What do you think?

### Brainstorm-Box

How can eating an 800g box of chocolates make me gain 2.5kg?!!

Is this possible?

Do some research on “healthy” and “unhealthy” food. Why is food considered to be “healthy” or “unhealthy”?



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### Whose method is the most accurate?

Focus on phrasing your approach in a clear and comprehensible way. Also state what foundation you have used for your estimations.