

Challenge 9 : Not square

Cicéron has ordered a cake: it was to be a square 30 cm x 30 cm.

Cicéron : " Excuse me, but my cake isn't square! It's rectangular!"

The baker: " That's not important! As far as your order is concerned, the centimetres which have been left out in the width, you find them put back again in the length. And if you do that you always have the same amount of cake"

Is the baker correct?

Justify your answer.