

- (b) The photograph shows bioplastic straws and cutlery, produced from the seeds of avocados.



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- (i) In 2018, a company in Mexico produced 130 000 kg of bioplastic cutlery and straws per month.

40% of the products were straws.

Calculate the mass of cutlery produced per year by this company.

Give your answer to **two** significant figures.

(2)

Answer

- (ii) The use of these plant-based products is more sustainable than the use of cutlery and straws made from oil-based plastic.

Explain what is meant by the term sustainable, with reference to the cutlery produced from the seeds of avocados.

(2)

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(Total for Question 4 = 10 marks)