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Question 24 (4 marks)

In the margarine industry, alkenes are often hydrogenated to convert unsaturated oils into solid fats that have a greater proportion of saturated molecules.

(a)	Using ethene as an example, write an equation for this reaction and state the type of reaction this represents.	2
	ethere + water -> ethanol	
	Cather and + ++20 -> C, H=0H	
	This is an addition neaction.	

Describe a test that could be used to confirm that all the ethene has been (b)

To confirm that all the etnene has converted, the solution is mixed with bromine. & Bromme has a brown colour on its our, but when readed with there it turns colowless. y the rolution is brown when bromme is added, then all the other has readed.

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