

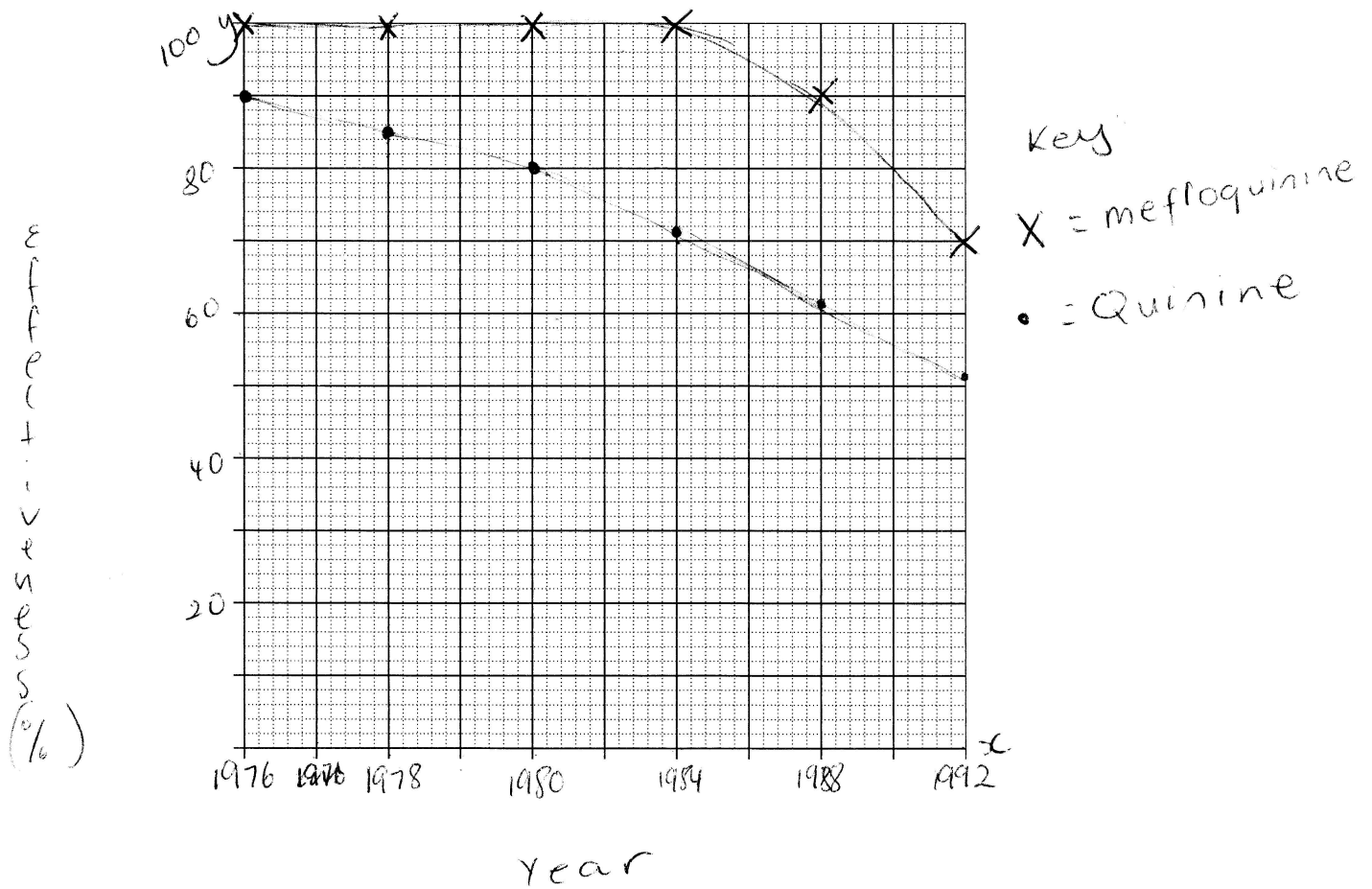
Question 22 (6 marks)

The following data were recorded about the effectiveness of antimalarial drugs for treating malaria.

Year	Effectiveness of drug (%)	
	Mefloquine	Quinine
1976	100	90
1978	100	85
1980	100	80
1984	100	72
1988	90	64
1992	70	58

(a) Graph the data on the grid.

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Question 22 continues on page 11

Question 22 (continued)

- (b) Use these data to explain the impact of human processes on biodiversity. 3

Human impact has increased the mosquitoes immune system by initially killing them off, however after time the mosquitoes immune system was able to defend them against these drugs, making them less effective when treating malaria.

End of Question 22