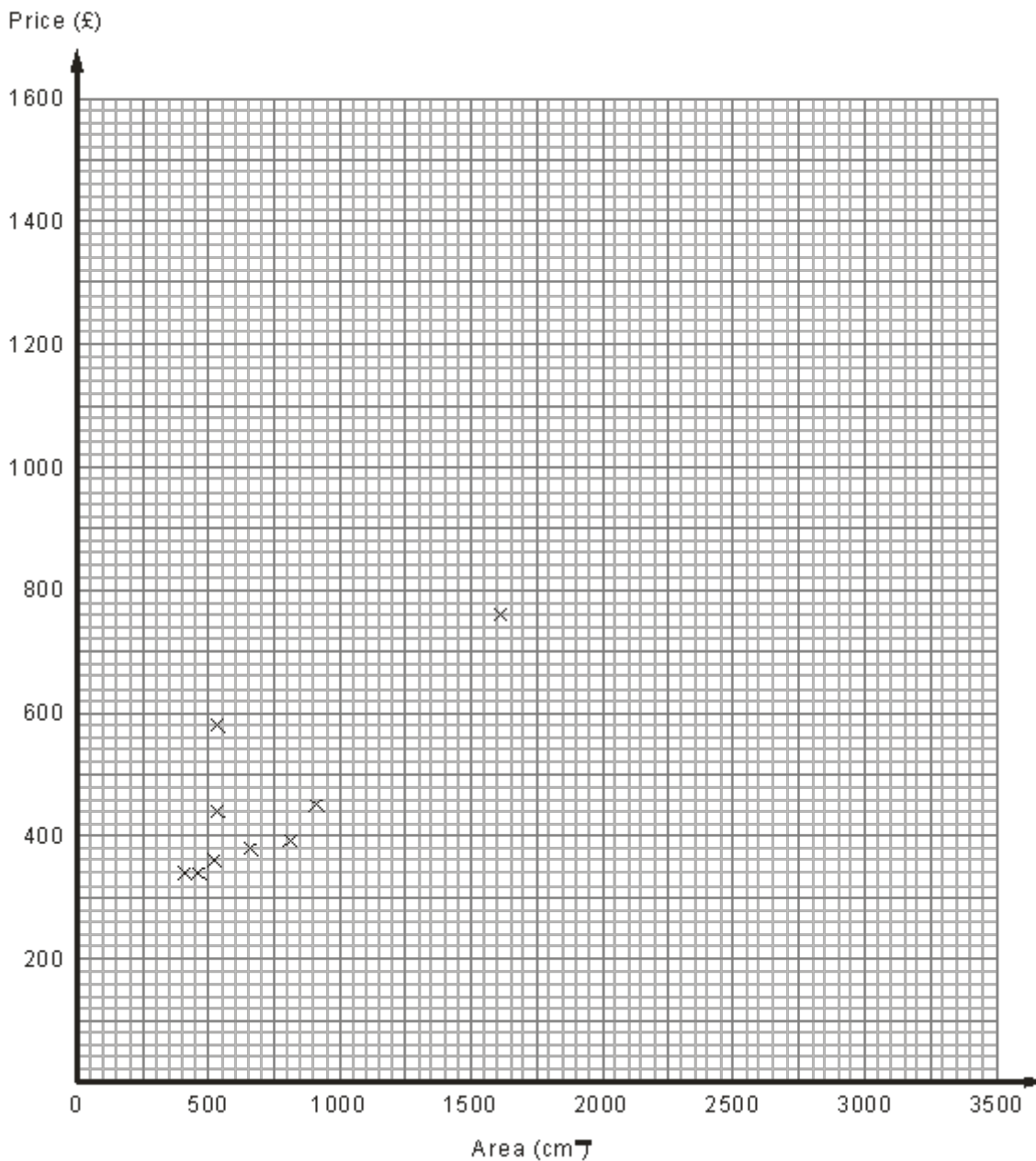


Q1. Pablo is an artist. He wants to find estimates for the prices of some of the new pictures he has painted. The scatter graph, below, gives information about the area and the price of some of his old pictures.



The table shows the area and the price of another three of his old pictures.

Area (cm ²)	2000	2900	3260
Price (£)	1150	1250	1500

(a) Find an estimate of the price of a new picture with an area of 2500 cm².

£

(3)

All Pablo's pictures are rectangles.
One of his pictures has a price of £1000.
Its length is 48 cm.

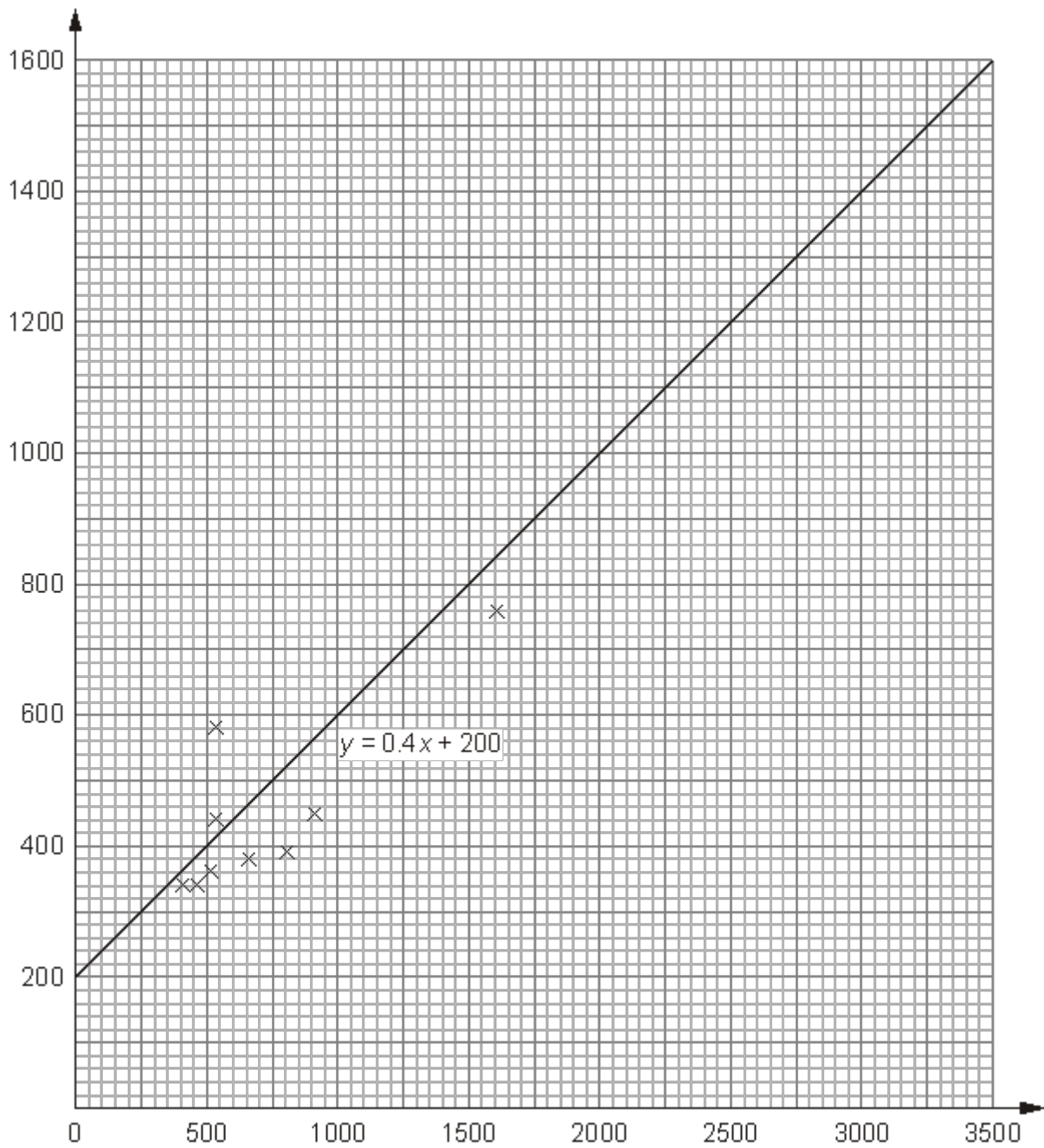
(b) Find an estimate for the width of the picture.

..... cm

(2)
(Total 5 marks)

M1.

	Working	Answer	Mark	Additional Guidance
(a)	Plots further data Draws line of best fit Reads off value from 2500	£ 1100 — 1200	3	M1 plots further figures M1 draws line of best fit A1 1100 — 1200
(b)	Draws $y = 1000$ '2000' \div 48	42	2	M1 draws $y = 1000$ and divides by 48 A1 40 — 44
Total for Question: 5 marks				



Resource currently unavailable.