ntegration - A5 Mathematics P1	
. June/2022/Paper_7356/01/No.7 A curve has equation $y=a^2-x^2$, where $a>0$	
The area enclosed between the curve and the x-axis is 36 units.	
Find the value of <i>a</i> .	
Fully justify your answer.	[6 marks]
	
	
	