Question number		Scheme		Marks
2	(i)	$\frac{a}{1} = -2$	$a = -2$	B1
	(ii)	$ax + b = 0 \Rightarrow -2 \times 4 + b = 0$	$b = 8$	B1ft
	(iii)	$-3 + c = 0$	$c = 3$	B1
	(iv)	So the equation of S is $y = \frac{8 - 2x}{x + 3}$ When $x = 0$ $y = \frac{8 - 2 \times 0}{0 + 3} = \frac{8}{3}$	$p = \frac{8}{3}$	B1ft [4]
				Total 4 marks

		In parts (i), (ii) and (iii), values must be clearly stated or shown correctly substituted in the equation of the curve.
(ii)	B1ft	ft (i) $b = -4 \times$ their a
(iv)	B1ft	ft (ii) and (iii) $p = \frac{\text{their } b}{\text{their } c}$ Accept 2.67 or better, $\left(0, \frac{8}{3}\right)$ or $\frac{8}{3}$ marked on the diagram at the point where the curve crosses the y axis.