

Question			Answer	Marks	AO	Guidance
6			$m_1 = -\frac{2}{3}$	B1	3.1a	May be implied by a correct re-arrangement of given equation or by the correct perp gradient, or by the calculation of m_2 Condone $m_1 = -\frac{2}{3}x$
			$m_2 = -\frac{1}{\text{their}-\frac{2}{3}}$	M1	1.1	Must follow legitimate attempt to find gradient of perp line Condone $m_2 = \frac{3}{2}x$ etc if $\frac{3}{2}$ used in their perp. line
			$y - -1 = \frac{3}{2}(x - 4)$ oe	M1	1.1a	May see eg $-1 = \frac{3}{2} \times 4 + c$ This mark is for using the equation of the line correctly with the point (4, -1) so can be scored even with an incorrect gradient provided their $m_2 \neq \text{their } m_1$
			$y = \frac{3}{2}x - 7$	A1	1.1	Must be in this form only.
				[4]		