Question			Answer	Marks	AOs	Guidance	
3	(a)		$1+(-3)(-ax)+\frac{(-3)(-4)}{2}(-ax)^2+...$	M1	1.1a	Attempt to use the binomial expansion	Allow sign errors, bracket errors, a slip
			Equate coefficients $3a=6a^2$	M1	1.1a	Equating their coefficients	Allow recovery from missing brackets
			$a=\frac{1}{2}$	A1 [3]	1.1b	oe www	Their equation should not involve x
3	(b)	(i)	Valid for $\lvert x\rvert<2$	B1 [1]	2.3	Accept $\lvert x\rvert<\frac{1}{\lvert a\rvert}$ for their a	Do not accept $x<2$, $\left\lvert\frac{1}{2}x\right\rvert<1$ or $\lvert x\rvert\leq 2$ or similar
3	(b)	(ii)	$\left[\left(1-\frac{1}{2}x\right)^{-3}\approx\right]1+\frac{3}{2}x+\frac{3}{2}x^2$	B1 [1]	1.1b	Cao	