

Q	Marking instructions	AO	Marks	Typical solution
3	<p>Uses the product of $(2x)^5$ and $\left(\pm \frac{3}{x}\right)^3$ terms condone sign error and/or omission of ${}^n C_r$ term Or Obtains any two correct terms (unsimplified) term</p>	3.1a	M1	${}^8 C_3 (2x)^5 \times \left(-\frac{3}{x}\right)^3 = 56 \times 32 \times -27x^2$ <p>\therefore coefficient is -48384</p>
	<p>Multiplies their $(2x)^5$ and $\left(-\frac{3}{x}\right)^3$ by ${}^8 C_3$ or ${}^8 C_5$ or 56 OE For this mark condone $(2x)^3$ and $\left(-\frac{3}{x}\right)^5$</p>	1.1a	M1	
	<p>Obtains correct coefficient of x^2 -48384 condone inclusion x^2</p>	1.1b	A1	
	Total		3	