Question	Answer	Marks	Guidance
1	Identify correct term and obtain $6(kx)^2 \cdot \left(\dfrac{2}{x}\right)^2$	**M1**	Needs numerical coefficient or $\dfrac{4!}{2!2!}$, not $^4C_2$.
	Equate to 150 and obtain $k = \dfrac{5}{2}$	**A1**	Ignore $-\dfrac{5}{2}$
	Identify correct term $4(kx)^3 \cdot \left(\dfrac{2}{x}\right)$ with their value of k	**M1**	Needs numerical coefficient or $\dfrac{4!}{3!1!}$.
	Obtain coefficient 125	**A1**	Accept $125x^2$ as final answer.
		4	