Question	Answer	Marks	Guidance
4(a)	$n = 5$	**B1**	
	$5 \times 3^4 p = 810$	**M1**	For considering the second term. Allow for use of *their n*
	$p = 2$	**A1**	
	$10 \times 3^3 \times p^2 = q$	**M1**	For considering the third term. Allow for use of *their n* and p^2
	$q = 1080$	**A1**	
4(b)	${}^6C_2 (2y)^4 \left((-)\frac{1}{3y^2} \right)^2$	**M1**	For identifying the correct term. Condone errors with brackets and coefficients. Could be implied by a correct answer
	$\frac{80}{3}$ oe	**A1**	Must be exact. Allow $\frac{240}{9}$ or $26\frac{2}{3}$
5(a)	$a = 5,\ b = \frac{3}{4}$ (oe), $c = -4$	**3**	**B1** for each
5(b)	$[p =]1,\ [p =]5$	**2**	**B1** for each Do not allow if written as inequalities
6	$\ln(2x - 3)$	**B1**	Allow unsimplified
	$\frac{1}{3x - 5}$ oe	**B1**	
	$\ln 5 + \frac{1}{7} - 1$	**M1**	For correct application of limits in *their* integral, Must be in the correct form $a \ln(2x - 3) \pm \frac{b}{3x - 5}$
	$\ln 5 - \frac{6}{7}$ cao	**A1**	

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