Express each coefficient of x in terms of a and n where a and n are constants and $n > 2$ (2) The coefficient of x is 15 and the coefficient of x^3 is equal to the coefficient of x^3 (b) Find the value of a and the value of n . (6) (c) Find the coefficient of x^3 (2)	5	(a) Expand $(1 + ax)^n$ in ascending powers of x up to and including the term in x^3	
The coefficient of x is 15 and the coefficient of x^2 is equal to the coefficient of x^3 (b) Find the value of a and the value of n . (6)			
 (b) Find the value of a and the value of n. (c) Find the coefficient of x³ 			(2)
(c) Find the coefficient of x^3		The coefficient of x is 15 and the coefficient of x^2 is equal to the coefficient of x^3	
(c) Find the coefficient of x^3		(b) Find the value of a and the value of n .	(6)
		(c) Find the coefficient of r^3	
		(c) I find the coefficient of x	(2)

12

